Date: 12/2/13 To: (Owner) KEDC/KPC

Project Title: KPC - PV-IC-2012.01

City, County: Ashland, Boyd County

Name of Contractor/Supplier: Lite the Nite Technologies LLC

Mailing Address: 2706 Dewitt Street Flatwoods, KY 41139

Business Address: 2706 Dewitt Street Flatwoods, KY 41139 Telephone: 606-547-8363

Having carefully examined the Instructions to Bidders, Contract Agreement, General Conditions, Supplemental Conditions, Specifications, and Drawings, on the above referenced project, the undersigned bidder proposes to furnish all labor, materials, equipment, tools, supplies, and temporary devices required to complete the work in accordance with the contract documents and any addenda listed below for the price stated herein.

Addendum 1 (Insert the addendum numbers received or the word "none" if no addendum received.)

In lieu of the base bid, alternate bid, unit prices, proposed subcontractors, and manufacturers/materials sections bidders are to complete the packages, supplementary items, and additional questions found on pages 26-29.

BASE BID

For the construction required to complete the work, in accordance with the contract documents, I/We submit the following lump sum price of:

_____
Use Figures

_____ Dollars & _____ Cents
Use Words Use Words

ALTERNATE BIDS (If applicable and denoted in the Supplemental Conditions)

For omission from or addition to those items, services, or construction specified in the Supplemental Conditions by alternate number, the following lump sum price will be added or deducted from the base bid:

Alternate Bid No. 1	(Add/Deduct)	$_____
Alternate Bid No. 2	(Add/Deduct)	$_____
Alternate Bid No. 3	(Add/Deduct)	$_____
Alternate Bid No. 4	(Add/Deduct)	$_____

UNIT PRICES

Indicate on the lines below those unit prices to determine any adjustment to the contract price due to changes in work or extra work performed under this contract. The unit prices shall include the furnishing of all labor and materials, cost of all items, and overhead and profit for the Contractor, as well as any subcontractor involved. These unit prices shall be listed in units of work.

	WORK	PRICE	UNIT
1.		$	/
2.		$	/
3.		$	/
4.		$	/
5.		$	/
6.		$	/
7.		$	/
8.		$	/
9.		$	/
10.		$	/

(Provide attachment for additional unit prices)

NOTE: The bidder shall submit the above list of unit prices with the bid.

LIST OF PROPOSED SUBCONTRACTORS

List on the lines below each major branch of work and major material category for this project and the subcontractor or supplier involved with that portion of work. If the branch of work is to be done by the Contractor, so indicate.

The listing of more than one subcontractor in a work category shall invalidate the bid.

The listing of the bidder as the subcontractor for a work category certifies that the bidder has in current employment, skilled staff and necessary equipment to complete that category. The architect/engineer will evaluate the ability of all listed subcontractors to complete the work and notify the owner. Listing of the bidder as the subcontractor may invalidate the bid should the architect's review indicate bidder does not have skilled staff and equipment to complete the work category at the time the bid was submitted.

	BRANCH OF WORK/MATERIAL CATEGORY	SUBCONTRACTOR/SUPPLIER
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

(Provide attachment for additional work/material - subcontractor/supplier)

NOTE: The bidder shall submit the above list of subcontractors with the bid.

LIST OF MATERIALS/MANUFACTURERS

MATERIAL DESCRIPTION BY SPECIFICATION DIVISION AND CATEGORY	MANUFACTURER
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	

(Provide attachment for additional material/manufacturers.)

NOTE: The bidder shall submit the above list of materials with the bid.

TIME LIMIT FOR EXECUTION OF CONTRACT DOCUMENTS

In the event that a bidder's proposal is accepted by the Owner and such bidder should fail to execute the contract within ten (10) consecutive days from the date of notification of the awarding of the contract, the Owner, at his option, may determine that the awerdee has abandoned the contract. The bidder's proposal shall then become null and void, and the bid bond or certified check which accompanied it shall be forfeited to and become the property of the Owner as liquidated damages for failure to execute the contract.

The bidder hereby agrees that failure to submit herein above all required information and/or prices can cause disqualification of this proposal.

Submitted by:

NAME OF CONTRACTOR: Lite the Nite Technologies LLC

AUTHORIZED REPRESENTATIVE: _____
Signature

NAME (typed): Joseph Smith

TITLE: Director of Operations

NOTICE: A bid bond or certified check or cash must accompany this proposal.

This form shall not be modified. Attach supplemental form of proposal information pages for project specific requirements as needed.

INSTRUCTIONS: For each package, indicate the number of rooms for each price level, the total price of all materials listed in the package, the installation price for each package, and the total of the material and standard labor costs. Please submit technical specification sheets for each item bid.

PACKAGE 1: ≥87" INCH BOARD & ≥3000 LUMEN PROJECTOR

- ≥87" INTERACTIVE WHITE BOARD
- ≥3000 LUMEN PROJECTOR; 4:3 ASPECT RATIO, HDMI READY
- DISTRIBUTION VGA AMP WITH USB POWER
- USB TO CAT 5 EXTENDER
- SINGLE GANG, ANNODIZED ALUMINUM WALLPLATE WITH PASS-THROUGH BARREL CONNECTORS, 1 VGA W/AUDIO, RCA (VIDEO AND L&R) INPUTS
- UNIVERSAL PROJECTOR MOUNT WITH SPIDER ARMS, MULTIPLE HARWARE, 4 ADJUSTABLE LEGS (BLACK, WHITE, SILVER)
- 12" FIXED EXTENSION COLUMN, 1-1/2" NPT
- EASY INSTALLATION, 4 TIE WIRES & SECURITY CABLE, INFINITE ADJUSTMENT, 2 OUTLET KNOCKOUTS, 2'X2' OR 2'X4'
- ALL REQUIRED CABLES AND CONNECTORS

	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
NUMBER OF ROOMS (e.g. 1-5; 5-20, etc.)	1-4	5-9	10-19	20-29	30+
PACKAGE 1 MATERIALS PRICE/ROOM	$2,275.-	$2,250.-	$2,225.-	$2,200.-	$2,175.-
INSTALLATION PRICE/ROOM	$650	$575	$525	$500	$475
TOTAL PRICE/ROOM	$2,925.-	$2,825.-	$2,750.-	$2,700.-	$2,650.-

PACKAGE 2: 70+ INCH DUAL TOUCH BOARD & ≥2500 LUMEN PROJECTOR

- >70" INTERACTIVE WHITE BOARD DUAL TOUCH/DUAL PEN BOARD
- ≥2500 LUMEN PROJECTOR; 4:3 ASPECT RATIO, HDMI READY
- DISTRIBUTION VGA AMP WITH USB POWER
- USB TO CAT 5 EXTENDER
- SINGLE GANG, ANNODIZED ALUMINUM WALLPLATE WITH PASS-THROUGH BARREL CONNECTORS, 1 VGA W/AUDIO, RCA (VIDEO AND L&R) INPUTS
- UNIVERSAL PROJECTOR MOUNT WITH SPIDER ARMS, MULTIPLE HARWARE, 4 ADJUSTABLE LEGS (BLACK, WHITE, SILVER)
- 12" FIXED EXTENSION COLUMN, 1-1/2" NPT
- EASY INSTALLATION, 4 TIE WIRES & SECURITY CABLE, INFINITE ADJUSTMENT, 2 OUTLET KNOCKOUTS, 2'X2' OR 2'X4'
- ALL REQUIRED CABLES AND CONNECTORS

	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
NUMBER OF ROOMS (e.g. 1-5; 5-20, etc.)	1-4	5-9	10-19	20-29	30+
PACKAGE 2 MATERIALS PRICE/ROOM	$2,425.-	$2,400.-	$2,375.-	$2,350.-	$2,325.-
INSTALLATION PRICE/ROOM	$650	$575	$525	$500	$475
TOTAL PRICE/ROOM	$3,075.-	$2,975.-	$2,900.-	$2,850.-	$2,800.-

PACKAGE 3: ULTRA SHORT-THROW WALL MOUNTED INTERACTIVE PROJECTOR

- ≥2600 LUMENS, WXGA RESOLUTION; 16:10 ASPECT RATIO, HDMI READY
- MOUNT INCLUDED
- CLASSROOM TEACHING AND LEARNING APPLICATION SOFTWARE
- DISTRIBUTION VGA AMP WITH USB POWER
- USB TO CAT 5 EXTENDER
- SINGLE GANG, ANNODIZED ALUMINUM WALLPLATE WITH PASS-THROUGH BARREL CONNECTORS, 1 VGA W/AUDIO, RCA (VIDEO AND L&R) INPUTS
- ALL REQUIRED CABLES AND CONNECTORS

	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
NUMBER OF ROOMS (e.g. 1-5; 5-20, etc.)	1-4	5-9	10-19	20-29	30+
PACKAGE 3 MATERIALS PRICE/ROOM	$ 1,999.-	$ 1,975.-	$ 1,950.-	$ 1,925.-	$ 1,899.-
INSTALLATION PRICE/ROOM	$ 650	$ 575	$ 525	$ 500	$ 475
TOTAL PRICE/ROOM	$ 2,649.-	$ 2,550.-	$ 2,475.-	$ 2,425.-	$ 2,374.-

PACKAGE 4: 100" DIAGONAL SCREEN & ≥2500 LUMEN PROJECTOR

- ≥2500 LUMEN PROJECTOR; 4:3 ASPECT RATIO, HDMI READY
- 100" DIAGONAL SCREEN, VIDEO FORMAT, HI CONTRAST MATTE WHITE; Controlled Screen Return
- WALL MOUNTING "L" BRACKETS, 6" STAND-OFF, BLACK OR WHITE
- DISTRIBUTION VGA AMP WITH USB POWER
- USB TO CAT 5 EXTENDER
- SINGLE GANG, ANNODIZED ALUMINUM WALLPLATE WITH PASS-THROUGH BARREL CONNECTORS, 1 VGA W/AUDIO, RCA (VIDEO AND L&R) INPUTS
- 12" FIXED EXTENSION COLUMN, 1-1/2" NPT
- UNIVERSAL PROJECTOR MOUNT WITH SPIDER ARMS, MULTIPLE HARWARE, 4 ADJUSTABLE LEGS (BLACK, WHITE, SILVER)
- EASY INSTALLATION, 4 TIE WIRES & SECURITY CABLE, INFINITE ADJUSTMENT, 2 OUTLET KNOCKOUTS, 2'X2' OR 2'X4'
- DOUBLE GANG, ANNODIZED ALUMINUM WALLPLATE WITH PASS-THROUGH BARREL CONNECTORS, 2 VGA W/AUDIO, RCA (VIDEO AND L&R) INPUTS, STEREO MINI JACK LEFT RIGHT SPEAKER AND RJ45
- ALL REQUIRED CABLES AND CONNECTORS

	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
NUMBER OF ROOMS (e.g. 1-5; 5-20, etc.)	1-4	5-9	10-19	20-29	30+
PACKAGE 4 MATERIALS PRICE/ROOM	$ 1,275.-	$ 1,250.-	$ 1,225.-	$ 1,200.-	$ 1,175.-
INSTALLATION PRICE/ROOM	$ 600	$ 575	$ 550	$ 525	$ 475
TOTAL PRICE/ROOM	$ 1,875.-	$ 1,825.-	$ 1,775.-	$ 1,725.-	$ 1,650.-

INSTRUCTIONS: For each item, indicate the number of rooms for each price level and the price of the item. Please submit technical specification sheets for each item bid.

SUPPLEMENTARY ITEMS

	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5
NUMBER OF ROOMS (e.g. 1-5; 5-20, etc.)	1-4	5-9	10-19	20-29	30 +
DOCUMENT CAMERA XGA MECHANICAL ZOOM 20 FRAMES PER SECOND SEPARATE VGA IN AND OUT 32 PAGE MEMORY	$459	$449	$439	$429	$419
DOCUMENT CAMERA 1080P, 3.4 MEGAPIXEL CMOS SENSOR, 30 FRAMES PER SECOND, WITH VIDEO STORAGE	$439	$429	$419	$409	$399
CLASSROOM RESPONSE SYSTEM ≥ 24 RADIO FREQUENCY UNITS					
SCALABLE DEVICE CONTROL SYSTEM (IR), UP TO 8 DEVICES,VOLUME CONTROL, DVD/VCR CONTROL MODULE	$248	$246	$244	$242	$239
STANDARDIZED DEVICE CONTROL SYSTEM (IR), WALL MOUNT, CUSTOMIZABLE INTERFACE, UP TO 6 DEVICES COMES WITH EMITTER AND A/C ADAPTER	$248	$246	$244	$242	$239
100" DIAGONAL, VIDEO FORMAT, AUTOMATIC ELECTRIC SCREEN, MATTE WHITE SURFACE	$829	$819	$809	$799	$789
≥35 WATT MIXER AMP	$179	$169	$159	$149	$139
DVD/CD PLAYER & HI-FI VCR COMBO, WITH REMOTE	$129	$127	$125	$122	$119
2 WAY 100 WATT ROUND CEILING SPEAKERS, 8" TITANIUM-LAMINATE POLYPROPYLENE WOOFER, 1 " TITANIUM-LAMINATE DOME TWEETER	$329	$327	$325	$322	$319

CEILING SPEAKER 160 WATTS, PLENUM BACKBOX, FITS INTO STANDARD 2'X2' OR 2'X4' CEILING TILE GRIDS (OR CUT INTO DRYWALL CEILINGS), PROVIDING 360 DEGREES OF HEMISPHERIC SOUND	$ 399	$397	$ 395	$392	$ 389
2 MOUNT ON BOARD SPEAKERS 14-WATT, STEREO AMPLIFIED, TWO PORT USB HUB, VOLUME CONTROL	$ 399	$ 397	$ 395	$ 392	$ 389
AUDIO SYSTEM, W/4 CEILING SPEAKERS OR W/4 WALL SPEAKERS, INFRARED MICROPHONE AND ONE LANYARD MICROPHONE	$ 1,295	$1,275	$ 1,249	$ 1,229	$ 1,199
WIRELESS SLATE/TABLET – PEN-DRIVEN INTERFACE, CONNECTS WIRELESSLY TO INTERACTIVE BOARD, PC, OR PROJECTOR, BATTERY FREE PEN	$ 299	$ 289	$ 279	$ 269	$ 259

INSTRUCTIONS: Please provide answers for each item below.

ADDITIONAL QUESTIONS

SECONDARY DISCOUNT PERCENTAGE	10%
NUMBER OF MANUFACTURERS REPRESENTED	10 +
TRAINING RATE (per day)	$ 950
MAINTENANCE RATE (per hour)	$ 59
PROMPT PAY DISCOUNT PERCENTAGE	.5% Net 10
TOLL-FREE SUPPORT NUMBER	KY number
SUPPORT HOURS OF AVAILABILITY	7am - 9pm
COMPANY FOUNDED (YEAR)	1986

	YES	NO
KENTUCKY BASED SUPPORT REPRESENTATIVES	✓	
KENTUCKY BASED SALES OFFICE	✓	
KENTUCKY BASED INSTALLERS	✓	
AUTHORIZED TO TRANSACT BUSINESS IN THE STATE OF KENTUCKY	✓	
FILED CORPORATE INCOME TAX IN KENTUCKY IN THE PAST YEAR	✓	
MADE PAYMENTS TO THE KENTUCKY UNEMPLOYMENT INSURANCE FUND IN THE PAST YEAR	✓	
MAINTAINED A KENTUCKY WORKERS' COMPENSATION POLICY IN EFFECT IN THE PAST YEAR	✓	

Package 1

DA-LITE IDEA Screen PATENT PENDING

The Interactive Dry Erase Application (IDEA) Screen is a revolutionary dual-purpose projection screen and writable marker board combination. Ideal for use with interactive short throw projectors, the IDEA Screen is designed to be wall mounted and will integrate seamlessly into any classroom, training room or meeting space where both a projection screen and dry-erase surface are required. The proprietary Da-Lite projection surface allows the projector to produce superior image quality while still maintaining the form and functionality of a marker board. A convenient tray is included at the base of the assembly for storage of dry-erase markers, erasers and interactive tools that can be used with a projector. The IDEA Screen is available in projectable sizes between 36" and 46" tall and has an extruded aluminum frame with either a black anodized or clear anodized finish.

INTERACTIVE PRODUCTS

DA-LITE IDEA Screen

- Dual-use projection screen and marker board
- Designed for interactive short throw projectors
- Proprietary, superior projection quality surface that can also be written on with dry-erase markers
- Extruded aluminum frame available in black or silver finish
- Convenient tray for storage of markers, erasers and interactive tools
- Wall brackets included for easy installation
- Offers a gain of 2.5 and a 25 degree viewing half angle

16:9 HDTV FORMAT DIMENSIONS

Viewing Area H x W		Nominal Diagonal		Overall Dimensions H x W	
in.	cm	in.	cm	in.	cm
36" x 64"	91 x 163	73"	185	39" x 67"	99 x 170
46" x 81¾"	117 x 208	94"	239	49" x 84¾"	124 x 215

16:10 WIDE FORMAT DIMENSIONS

Viewing Area H x W		Nominal Diagonal		Overall Dimensions H x W	
in.	cm	in.	cm	in.	cm
36" x 57½"	91 x 146	68"	173	39" x 60½"	99 x 154
46" x 73½"	117 x 187	87"	221	49" x 76½"	124 x 194

MARKERBOARD FORMAT DIMENSIONS

Projectable Area H x W		Overall Dimensions H x W	
in.	cm	in.	cm
33" x 45"	84 x 114	36" x 48"	91 x 122
39" x 57"	99 x 145	42" x 60"	107 x 152
45" x 69"	114 x 175	48" x 72"	122 x 183

Da-Lite Screen Company LLC
3100 North Detroit Street
P.O. Box 137
Warsaw, IN 46581-0137 U.S.A.
Phone: 574.267.8101
Toll Free: 800.622.3737
Fax: 574.267.7804
Toll Free Fax: 877.325.4832
www.da-lite.com
info@da-lite.com

IN3920 (SERIES)

InFocus
Bright Ideas Made Brilliant

The smart alternative to interactive whiteboards.

Interactive learning just got more affordable.

IN3920 ( )

IN3920 Series Interactive Projector

These ultra short throw projectors with breakthrough LiteBoard™ interactive technology let teachers and other professionals interact with the projected image – turning any surface into an engaging, collaborative interactive workspace.

It's like an interactive whiteboard without the board.

Use wand as a mouse to draw, write and click

Control all your favorite PC or Mac applications with the wireless LiteBoard Wand just as you would with your mouse.

- The LiteBoard Wand has left-click and right-click buttons, a scroll wheel, and more
- Draw and annotate on the visuals you're projecting
- Easily advance and reverse your presentation slides
- No special software is needed: it works with the software you use today

Interact up close or away for maximum accessibility

Anyone can participate and interact because they don't need to touch the image – just point and click the wand. You can even use two wands at the same time.

- Teachers can interact with the images while out in the class with the students
- Ordinary business meetings turn into collaboration sessions
- Dual wand functionality allows two people to interact on the same content at the same time
- People of any height, including wheelchair users, can interact with all parts of the image

Hold the wand like a pen for drawing or writing, or hold it like a remote control – whichever is more comfortable.

Compare to an interactive whiteboard

	IN3920 Series	Interactive Whiteboard
Interaction	At the image or away	At the image only
Accessibility	Touch is not required so the entire image is accessible to anyone	Top of the board/image can be hard to reach
Image size (Diagonal)	Up to 112"/2.8 m wide	Up to 82"/2.1 m wide
Cost	One low-priced projector is all you need	High cost for a board and a projector
Size and mobility	Easily move or install	Big and hard to move
Calibration	None	Required
Drivers	None	Required

IN3920 Back Panel

Connect your collaboration and classroom tools

Easily connect your PC or Mac, DVD player, or document reader via a multitude of inputs, including HDMI, VGA, composite, and USB ports.

- Present from a USB thumb drive without a computer
- IT administrators can control the projector remotely via the LAN port
- Connect wirelessly with optional 802.11 b/g wireless USB module

Use two wands at once

Two LiteBoard wands can be used at the same time to improve collaboration in classrooms, training sessions, and business meetings.

- Two users can interact at the same time or independently
- Students can use one wand and the teacher use the other
- Save time when switching users
- Windows 7 or higher required

Room-filling audio

Get your message across from the front row to the back with the IN3920 projector's clear and powerful audio system – one of the best you'll hear in this price range.

- Integrated 20-watt stereo speakers (2 × 10 w)
- Preserve your voice with dedicated dynamic microphone input
- Narration feature lets your voice be heard over the audio of your presentation/video
- Audio processor shapes the sound for best performance

Minimal shadow interference

Get big images when the IN3920 ultra short throw projector is close to the wall to reduce shadows, free up space and reduce ambient noise.

- Project a 8 foot (2.4 m) wide interactive image from only 3 feet (0.9 m) away (IN3926 model)
- Interact with an image that can be up to 112" (2.8 m) wide (diagonal)
- Install on wall or ceiling or place on a tabletop or media cart
- Display 3D video and images created in the top emerging 3D standards

"... As transformative for education as early interactive boards were – maybe more."

– Scholastic Administr@tor Tech Tools

Software that makes interacting easy and fun

- Education version includes drawing, math, geography, literacy and curriculum-building tools
- Business version includes annotation, productivity and screen capture tools
- Works on top of your web browser and other favorite applications
- PC and Mac compatible

WizTeach InFocus Edition software

Control the display of multiple PCs

A presenter or teacher can connect up to 32 computers to one projector (via a network or optional wireless connection) and control who presents from one web page.

- Connect up to 32 computers and select the one(s) you want to project
- Display up to 4 computer screens simultaneously

Computer Name	Play Control	IP Address
sbailey	1 2 3 4	192.168.3.101
mkruger	1 2 3 4	192.168.3.117
rkent	1 2 3 4	192.168.3.142
rdetwile	1 2 3 4	192.168.3.125
dbaldoni	1 2 3 4	192.168.3.098
rburdick	1 2 3 4	192.168.3.104
tokeefe	1 2 3 4	192.168.3.057
sneisen	1 2 3 4	192.168.3.158

Moderator control panel

Project up to 4 computer screens at the same time

Specifications*

	IN3924	IN3926
Resolution (native)	XGA 1024 × 768	WXGA 1280 × 800
Brightness	3000 lumens	
Connections (Input)	HDMI 1.4, VGA × 2, USB Mini-B (for display), USB Type-A × 2 (for wireless LAN or thumb drive), Composite, S-Video, 3.5mm audio, 3.5mm microphone, LAN (RJ-45)	
Connections (Output)	Monitor out: VGA, Variable audio out: 3.5 mm, Power out: 12v amp (screen trigger)	
Control	RS232, USB Type-B, LAN (RJ-45)	
Aspect ratio (native)	4:3	16:10
Throw ratio	0.48:1	0.375:1
Image size (width)	49 - 74" (1.25 - 1.9 m)	62 - 94" (1.6 - 2.4 m)
Image offset	15 %	13 %
Power consumption	250 watts (Eco Mode); 300 watts (Bright); < 1 watt (Standby)	
Audio	20 w (2 × 10 w speakers), voice and multimedia modes	
Warranty	2-year limited product warranty, 6-month limited lamp warranty, 90-day limited accessories warranty	
Standard accessories	VGA cable, Remote control, Wand Kit (includes LiteBoard Wand, wand dock, power charger and USB cables), WizTeach InFocus Edition software	

Projection Distances to Interactive Whiteboards

Whiteboard Size (W × H)	61.6 × 46.2 in (156.5 × 117 cm)	38.4 × 28.7 in (97.5 × 73 cm)	51.3 × 38.3 in (130 × 97 cm)	74 × 46.3 in (188 × 117 cm)
Aspect Ratio	4:3			16:10
Distance to Projector	IN3924: 29.6 in (75 cm)	IN3924: 18.4 in (47 cm)	IN3924: 24.6 in (62.5 cm)	IN3926: 27.8 in (70.5 cm)

Optics
Maximum contrast ratio: 2400:1
Supported aspect ratio: 4:3, 5:4, 16:9, 16:10
Zoom ratio: Fixed
Projection distance: 23.5 - 35.4" (0.6 - 0.9 m)
Projection methods: Front, ceiling, rear
Keystone correction: ±40%
Video compatibility: 480i/p, 576i/p, 720p, 1080i/p, NTSC/NTSC4.43/PAL/PAL-M/PAL-N/SECAM
H-Synch range: 31.4 - 91.1 KHz
V-Synch range: 23.5 - 120 Hz
3D projector: Yes. Supports PC-based 3D content configured at 720p running at 120Hz signal. DLP Link 3D glasses required.

LiteBoard Wand
Wand operation: Up to 40 ft. (12 m) from projector, 45° pen to image angle
Battery: ~40 hours life on full charge, rechargeable via USB using included power supply or other USB power source
Dual wand operation: Requires Windows 7 or higher

Operation
Lamp life: 4000 hours (Eco Mode), 3000 hours (Bright)
Lamp power: 3000 lumens, 225 watts
Power supply: 110 - 240 VAC, 50/60 Hz
Audible noise: 30 dB (Eco Mode), 33 dB (Bright)
Operating temperature: 10 - 40° C
Altitude (max): 7500 ft at 104° F (2286 m at 40° C), 10000 ft at 95° F (3048 m at 35° C)
Menu languages: Danish, Dutch, English, Finnish, French, German, Italian, Korean, Norwegian, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Arabic, Vietnamese, Bahasa Indonesia

Physical
Product dimensions: 5.2 × 12.9 × 9" (133 × 327 × 230 mm)
Product weight: 9.9 lbs (4.5 kg)
Shipping dimensions: 15 × 13.5 × 9.5" (385 × 340 × 245 mm)
Shipping weight: 11.24 lbs (5.1 kg)
Security: Kensington® lock
Lamp (particle) containment: Tested to contain particles larger than 0.8 mm
Approvals: UL & CUL (USA and Canada), FCC (USA), CE (Europe), C-Tick Mark (Australia), NOM & COFETEL (Mexico), CCC (China), IRAM (Argentina)

System Requirements
LiteBoard: OS compatibility: Windows (XP, Vista, 7), Mac, Linux
USB display: OS compatibility: Windows (XP Service Pack, Vista 32/64 bit, Win 7 32/64 bit)
LAN display, WiFi display, Quad View display: OS compatibility: Windows (XP Service Pack, Vista 32/64 bit, Win 7 32/64 bit), Mac (10.4 and higher)
USB thumb drive port: USB 2.0/1.1, JPG, BMP, TIFF, GIF, or PNG file
Presentation to Go (PtG) Converter: Pentium-M1.5G or higher, Windows (XP Service Pack, Vista 32/64 bit, Win 7 32/64 bit), MS Office 2003 or 2007

Optional Accessories
Replacement Lamp (SP-LAMP-077)
Universal Ceiling Mount (PRJ-MNT-UNIV)
Short Throw Wall Mounts (PRJ-WALLKIT-11 or -12)
Additional LiteBoard Wand Kit (HW-LBWAND-01)
802.11 b/g Wireless Module (SP-WIFIUSB)
Cables & Adapters
Extended warranties
Alternate remote controls

For more information, visit:
www.infocus.com/Accessories

Warranty
The IN3920 interactive projector series comes standard with a 2-year limited parts and labor warranty and a 6-month limited lamp replacement warranty. Extended product and lamp warranty programs are also available.

For more information, visit:
www.infocus.com/Support/Warranty

LiteBoard interactive | InFocus Bright Ideas Made Brilliant

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InFocus_IN3920_DS_EN_10OCT12. Part Number: MMINFOCUS-0204

www.infocus.com

StarTech.com

Hard-to-find made easy®

Spec Sheet

2 Port VGA Video Splitter - USB Powered

StarTech ID: ST122LE

This 2-Port VGA Video Splitter allows a computer to display VGA video on two monitors simultaneously.

Perfect for classrooms, tradeshows, or any environment requiring high quality video on several monitors, the ST122LE VGA splitter supports displays with up to 300 MHz of bandwidth and up to 2048x1536 resolution. Plus, to simplify placement of your VGA displays, the splitter features a built-in booster circuit that allows you to locate VGA monitors up to 200 ft away from your system, and can be powered through a USB connection to the host computer, eliminating the need to find an available power outlet.

Application Diagram

The ST122LE VGA Splitter supports easy plug and play installation, and is backed by StarTech.com's 2-year warranty and FREE lifetime tech support.

Applications

- Use for in-store product merchandising in retail environments to give your advertisements greater visibility
- Display travel schedules and alerts in airports, bus terminals and train stations
- Create engaging multimedia presentations for demonstration in lecture halls and classrooms
- Get your message across multiple displays for trade-shows or information booths/kiosks
- Quick and easy solution to split a video signal in an auditorium or house of worship

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Spec Sheet

Features

- Supports resolutions up to 2048 x 1536 @60Hz
- USB-Powered
- Our most compact VGA splitter
- 300 MHz video bandwidth
- Integrated signal amplifier boosts your connection range to 210 feet (65 meters)
- Supports DDC, DDC2, DDC2B (For video out port 1)

Technical Specifications

Warranty	2 Years
Ports	2
Industry Standards	DDC, DDC2, DDC2B, on Video Out Port 1
Connector A	1 - VGA (15 pin; High Density D-Sub) Male
Connector B	2 - VGA (15 pin; High Density D-Sub) Female
Maximum Cable Length	213.2 ft [65 m]
Maximum Analog Resolutions	2048x1536
Bandwidth	300MHz
MTBF	40,000 Hours
Color	Black
Enclosure Type	Plastic
Center Tip Polarity	Positive
Plug Type	M
Power Adapter Included	USB-Powered
Power Adapter Included	Yes
Output Voltage	5 DC
Output Current	0.5A
Operating Temperature	0°C to 70°C (32°F to 158°F)
Storage Temperature	-20°C to 85°C (-4°F to 185°F)
Humidity	0% - 95%
Shipping (Package) Weight	0.4 lb [0.2 kg]
Included in Package	1 - Video Splitter
Included in Package	1 - USB to DC power adapter
Included in Package	1 - User Manual

SPECIFICATION SHEET

GET CONNECTED

12m USB 2.0 Active Extension Cable

- Overcome the 5m length limitation of USB
- Supports data transfer rates up to 480Mbps
- Daisy-chain cables to support up to 36m
- No software required

3535 Kettering Blvd. | Moraine OH | 45439 | www.c2g.com | 800.287.2842

Specifications: 12m USB 2.0 Active Extension Cable

Signal Specifications:

Data Signal Specifications:	USB 2.0
Maximum Data Transfer Rate:	480Mbps
USB Power Consumed:	100mA

Cable Specifications:

Conductor: (Qty 1 pair)

Power Input:	100- 240VAC ~ 47-63Hz, 0.48A
Power Output::	5VDC 3.5A
Pin Diameter:	5.5mm
Center Pin Polarity:	Positive

Conductor: (Qty 2 conductors)

Power Input:	100- 240VAC ~ 47-63Hz, 0.48A
Power Output::	5VDC 3.5A
Pin Diameter:	5.5mm
Center Pin Polarity:	Positive

Overall Cable:

Foil Shields:	Aluminum Mylar 100% coverage min.
Braided Shield:	16/4/0.100 Tinned Copper 65% coverage min.
Jacket:	PVC translucent white
Outer Diameter:	4.50 ± 0.1mm

Physical Characteristics:

Voltage Rating:	30V
Temperature Rating:	80°C
Hood Material:	SR - Molded Black PVC
Plastic Cover Material:	Black ABS
Plastic Cover Dimension:	57.0 x 32.0 x 16.4mm
Weight:	0.346kg

Connector:

Connector Type:	USB Type A Male
Contact Plating:	30µm Gold Plating
Insulation:	Black PBT

Connector:

Connector Type:	USB Type A Female
Contact Plating:	30µm Gold Plating
Insulation:	Black PBT

Part Number	Description	Weight (lbs)
39000	12m USB 2.0 Active Extension Cable	0.960

Audio & Video 2xCAT5e Extender Kit

SKU: VARCA-1P

What does it do?

Intuitive design that anticipates both computer and regular A/V applications. This CAT5e wallplate extender kit extends up to 30 meter (100ft) and has shielded casing to meet government, school, and commercial requirements.

30M PC & Composite Wallplate

Connects any computer to projector and DVD player to HDTV. Using 2xCAT5e RJ45 cables, it provides both PC VGA & stereo audio along with composite audio and video. Both transmitter and receiver have grounding screws. When power port is not available, this is a perfect A/V extender solution.

Features:

- Transmits computer & composite audio & video
- Both interfaces can be active at the same time
- Works with projector, HDTV and DVD player
- Extends up to 100ft using dual-CAT5e cable
- Supports VGA/SXGA up to 1280x1024 @ 60Hz*
- Decora-style shielded metal casing with grounding
- Includes transmitter, receiver, cables & mounting screws
- RoHS, FCC & CE Compliant

* Maximum supported resolution varies depending on CAT5e cable length

Specifications

VARCA-1P	0 87229 00714 5
Signal Type	PC VGA/SXGA & Composite
Audio	Stereo
Video Bandwidth	Up to 100MHz
Connectors	HD15/ 3.5mm / RCA / RJ45
Insertion Loss	Less than 3db
Impedance	RGB - 75Ohms Unbalanced CAT5e - 100Ohms Balanced
Video Signal Return Loss	-15db Max from DC to 60MHz
PC & LCD Compatibility	Yes
Operating Temperature	32 to 131°F
Certification	RoHS Compliant
Warranty	One Year

QVS® The Connectivity Specialists

West (1-800-344-3371)
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Las Vegas, NV 89128

East (1-800-622-9606)
30727 Seventy Road
Romulus, MI 48174

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All specifications subject to change without notice.

Pro Series Projector Wall Mount

PRO Series
mounting solutions

CLASSROOM TECHNOLOGY
Solutions

www.ctsed.com

- Telescopic arm adjusts for ideal projector throw distance
- Designed for mounting short throw projectors, with arms for 3 or 4 mounting points
- 15° projector rotation with 15° tilt, allowing upward and downward as well as forward and backward adjustment
- Easy to install

The **Pro Series Projector Wall Mount** makes it easy to mount a projector above your whiteboard or screen. Featuring a telescopic arm, the Pro Series Wall Mount allows you to accommodate different projectors' throw requirements. The aesthetic cable management system keeps cables secure and out of sight. The aluminum mounting head provides a strong, lightweight, heat-dissipating unit that helps extend projector lamp life. This mount supports almost any projector weighing up to 33 lbs.

PRO Series

Pro Series Projector Wall Mount

AVM-PRO-UNV-1524-WM

AVM-PRO-UNV-2747-WM

AVM-PRO-UNV-3564-WM

Product	Pro Series Projector Wall Mount
Product Group	AVM PRO Series
Part Number	AVM-PRO-UNV-1524-WM ***Short** — Extends 15.2" to 23.6" from wall* AVM-PRO-UNV-2747-WM ***Medium** — Extends 27" to 47.2" from wall* AVM-PRO-UNV-3564-WM ***Long** — Extends 34.8" to 64.4" from wall*
Features	Ideal for mounting projectors above whiteboards or screens. Telescopic arm allows you to slide projector to desired location. Made of high-quality, lightweight aluminum alloy for heat dissipation and strength. Fits virtually any projector, with arms for 3-4 mounting points. Mount head offers 15° projector rotation and 15° tilt. Cable management system keeps cables secure and out of sight. Can be mounted to concrete, brick, or wood wall or stud. Mounting hardware & tool kit included.
Load Capacity	33 lbs (15 kg)
Construction	Aluminum Alloy
Color	Silver

4909 Victor St. | Jacksonville, FL 32207 | Phone: 904-731-1006 | Toll Free: 877-733-1006 | Fax: 904-731-1007 | Email: info@ctsed.com

Package 2

DA-LITE IDEA Screen

PATENT PENDING

The Interactive Dry Erase Application (IDEA) Screen is a revolutionary dual-purpose projection screen and writable marker board combination. Ideal for use with interactive short throw projectors, the IDEA Screen is designed to be wall mounted and will integrate seamlessly into any classroom, training room or meeting space where both a projection screen and dry-erase surface are required. The proprietary Da-Lite projection surface allows the projector to produce superior image quality while still maintaining the form and functionality of a marker board. A convenient tray is included at the base of the assembly for storage of dry-erase markers, erasers and interactive tools that can be used with a projector. The IDEA Screen is available in projectable sizes between 36" and 46" tall and has an extruded aluminum frame with either a black anodized or clear anodized finish.

INTERACTIVE PRODUCTS

DA-LITE IDEA Screen

- Dual-use projection screen and marker board
- Designed for interactive short throw projectors
- Proprietary, superior projection quality surface that can also be written on with dry-erase markers
- Extruded aluminum frame available in black or silver finish
- Convenient tray for storage of markers, erasers and interactive tools
- Wall brackets included for easy installation
- Offers a gain of 2.5 and a 25 degree viewing half angle

16:9 HDTV FORMAT DIMENSIONS

Viewing Area H x W		Nominal Diagonal		Overall Dimensions H x W	
in.	cm	in.	cm	in.	cm
36" x 64"	91 x 163	73"	185	39" x 67"	99 x 170
46" x 81¾"	117 x 208	94"	239	49" x 84¾"	124 x 215

16:10 WIDE FORMAT DIMENSIONS

Viewing Area H x W		Nominal Diagonal		Overall Dimensions H x W	
in.	cm	in.	cm	in.	cm
36" x 57½"	91 x 146	68"	173	39" x 60½"	99 x 154
46" x 73½"	117 x 187	87"	221	49" x 76½"	124 x 194

MARKERBOARD FORMAT DIMENSIONS

Projectable Area H x W		Overall Dimensions H x W	
in.	cm	in.	cm
33" x 45"	84 x 114	36" x 48"	91 x 122
39" x 57"	99 x 145	42" x 60"	107 x 152
45" x 69"	114 x 175	48" x 72"	122 x 183

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3100 North Detroit Street
P.O. Box 137
Warsaw, IN 46581-0137 U.S.A.
Phone: 574.267.8101
Toll Free: 800.622.3737
Fax: 574.267.7804
Toll Free Fax: 877.325.4832
www.da-lite.com
info@da-lite.com

IN3920 (SERIES)

InFocus
Bright Ideas Made Brilliant

The smart alternative to interactive whiteboards.

Interactive learning just got more affordable.

IN3920 ( )

IN3920 Series Interactive Projector

These ultra short throw projectors with breakthrough LiteBoard™ interactive technology let teachers and other professionals interact with the projected image – turning any surface into an engaging, collaborative interactive workspace.

It's like an interactive whiteboard without the board.

Use wand as a mouse to draw, write and click

Control all your favorite PC or Mac applications with the wireless LiteBoard Wand just as you would with your mouse.

- The LiteBoard Wand has left-click and right-click buttons, a scroll wheel, and more
- Draw and annotate on the visuals you're projecting
- Easily advance and reverse your presentation slides
- No special software is needed: it works with the software you use today

Interact up close or away for maximum accessibility

Anyone can participate and interact because they don't need to touch the image – just point and click the wand. You can even use two wands at the same time.

- Teachers can interact with the images while out in the class with the students
- Ordinary business meetings turn into collaboration sessions
- Dual wand functionality allows two people to interact on the same content at the same time
- People of any height, including wheelchair users, can interact with all parts of the image

Hold the wand like a pen for drawing or writing, or hold it like a remote control – whichever is more comfortable

Compare to an interactive whiteboard

	IN3920 Series	Interactive Whiteboard
Interaction	At the image or away	At the image only
Accessibility	Touch is not required so the entire image is accessible to anyone	Top of the board/image can be hard to reach
Image size (Diagonal)	Up to 112"/2.8 m wide	Up to 82"/2.1 m wide
Cost	One low-priced projector is all you need	High cost for a board and a projector
Size and mobility	Easily move or install	Big and hard to move
Calibration	None	Required
Drivers	None	Required

IN3920 Back Panel

Connect your collaboration and classroom tools

Easily connect your PC or Mac, DVD player, or document reader via a multitude of inputs, including HDMI, VGA, composite, and USB ports.

- Present from a USB thumb drive without a computer
- IT administrators can control the projector remotely via the LAN port
- Connect wirelessly with optional 802.11 b/g wireless USB module

Use two wands at once

Two LiteBoard wands can be used at the same time to improve collaboration in classrooms, training sessions, and business meetings.

- Two users can interact at the same time or independently
- Students can use one wand and the teacher use the other
- Save time when switching users
- Windows 7 or higher required

Room-filling audio

Get your message across from the front row to the back with the IN3920 projector's clear and powerful audio system – one of the best you'll hear in this price range.

- Integrated 20-watt stereo speakers (2 × 10 w)
- Preserve your voice with dedicated dynamic microphone input
- Narration feature lets your voice be heard over the audio of your presentation/video
- Audio processor shapes the sound for best performance

Minimal shadow interference

Get big images when the IN3920 ultra short throw projector is close to the wall to reduce shadows, free up space and reduce ambient noise.

- Project a 8 foot (2.4 m) wide interactive image from only 3 feet (0.9 m) away (IN3926 model)
- Interact with an image that can be up to 112" (2.8 m) wide (diagonal)
- Install on wall or ceiling or place on a tabletop or media cart
- Display 3D video and images created in the top emerging 3D standards

"... As transformative for education as early interactive boards were – maybe more."

– Scholastic Administr@tor Tech Tools

Software that makes interacting easy and fun

- Education version includes drawing, math, geography, literacy and curriculum-building tools
- Business version includes annotation, productivity and screen capture tools
- Works on top of your web browser and other favorite applications
- PC and Mac compatible

WizTeach InFocus Edition software

Control the display of multiple PCs

A presenter or teacher can connect up to 32 computers to one projector (via a network or optional wireless connection) and control who presents from one web page.

- Connect up to 32 computers and select the one(s) you want to project
- Display up to 4 computer screens simultaneously

Computer Name	Play Control	IP Address
sbailey	1 2 3 4	192.168.3.101
mkruger	1 2 3 4	192.168.3.117
rkent	1 2 3 4	192.168.3.142
idetwile	1 2 3 4	192.168.3.125
dbaldori	1 2 3 4	192.168.3.098
rburdick	1 2 3 4	192.168.3.104
lokeefe	1 2 3 4	192.168.3.057
sneisen	1 2 3 4	192.168.3.159

Moderator control panel

Project up to 4 computer screens at the same time

Specifications*

	IN3924	IN3926
Resolution (native)	XGA 1024 × 768	WXGA 1280 × 800
Brightness	3000 lumens	
Connections (Input)	HDMI 1.4, VGA × 2, USB Mini-B (for display), USB Type-A × 2 (for wireless LAN or thumb drive), Composite, S-Video, 3.5mm audio, 3.5mm microphone, LAN (RJ-45)	
Connections (Output)	Monitor out: VGA, Variable audio out: 3.5 mm, Power out: 12v amp (screen trigger)	
Control	RS232, USB Type-B, LAN (RJ-45)	
Aspect ratio (native)	4:3	16:10
Throw ratio	0.48:1	0.375:1
Image size (width)	49 - 74" (1.25 - 1.9 m)	62 - 94" (1.6 - 2.4 m)
Image offset	15 %	13 %
Power consumption	250 watts (Eco Mode); 300 watts (Bright); < 1 watt (Standby)	
Audio	20 w (2 × 10 w speakers), voice and multimedia modes	
Warranty	2-year limited product warranty, 6-month limited lamp warranty, 90-day limited accessories warranty	
Standard accessories	VGA cable, Remote control, Wand Kit (includes LiteBoard Wand, wand dock, power charger and USB cables). WizTeach InFocus Edition software	

Projection Distances to Interactive Whiteboards

Whiteboard Size (W × H)	61.6 × 46.2 in (156.5 × 117 cm)	38.4 × 28.7 in (97.5 × 73 cm)	51.3 × 38.3 in (130 × 97 cm)	74 × 46.3 in (188 × 117 cm)
Aspect Ratio	4:3			16:10
Distance to Projector	IN3924: 29.6 in (75 cm)	IN3924: 18.4 in (47 cm)	IN3924: 24.6 in (62.5 cm)	IN3926: 27.8 in (70.5 cm)

Optics
Maximum contrast ratio: 2400:1
Supported aspect ratio: 4:3, 5:4, 16:9, 16:10
Zoom ratio: Fixed
Projection distance: 23.5 - 35.4" (0.6 - 0.9 m)
Projection methods: Front, ceiling, rear
Keystone correction: ±40%
Video compatibility: 480i/p, 576i/p, 720p, 1080i/p, NTSC/NTSC4.43/PAL/PAL-M/PAL-N/SECAM
H-Synch range: 31.4 - 91.1 KHz
V-Synch range: 23.5 - 120 Hz
3D projector: Yes. Supports PC-based 3D content configured at 720p running at 120Hz signal. DLP Link 3D glasses required.

LiteBoard Wand
Wand operation: Up to 40 ft. (12 m) from projector, 45° pen to image angle
Battery: ~40 hours life on full charge, rechargeable via USB using included power supply or other USB power source
Dual wand operation: Requires Windows 7 or higher

Operation
Lamp life: 4000 hours (Eco Mode), 3000 hours (Bright)
Lamp power: 3000 lumens, 225 watts
Power supply: 110 - 240 VAC, 50/60 Hz
Audible noise: 30 dB (Eco Mode), 33 dB (Bright)
Operating temperature: 10 - 40° C
Altitude (max): 7500 ft at 104° F (2286 m at 40° C), 10000 ft at 95° F (3048 m at 35° C)
Menu languages: Danish, Dutch, English, Finnish, French, German, Italian, Korean, Norwegian, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Arabic, Vietnamese, Bahasa Indonesia

Physical
Product dimensions: 5.2 × 12.9 × 9" (133 × 327 × 230 mm)
Product weight: 9.9 lbs (4.5 kg)
Shipping dimensions: 15 × 13.5 × 9.5" (385 × 340 × 245 mm)
Shipping weight: 11.24 lbs (5.1 kg)
Security: Kensington® lock
Lamp (particle) containment: Tested to contain particles larger than 0.8 mm
Approvals: UL & CUL (USA and Canada), FCC (USA), CE (Europe), C-Tick Mark (Australia), NOM & COFETEL (Mexico), CCC (China), IRAM (Argentina)

System Requirements
LiteBoard: OS compatibility: Windows (XP, Vista, 7), Mac, Linux
USB display: OS compatibility: Windows (XP Service Pack, Vista 32/64 bit, Win 7 32/64 bit)
LAN display, WiFi display, Quad View display: OS compatibility: Windows (XP Service Pack, Vista 32/64 bit, Win 7 32/64 bit), Mac (10.4 and higher)
USB thumb drive port: USB 2.0/1.1, JPG, BMP, TIFF, GIF, or PNG file
Presentation to Go (PtG) Converter: Pentium-M1.5G or higher, Windows (XP Service Pack, Vista 32/64 bit, Win 7 32/64 bit), MS Office 2003 or 2007

Optional Accessories
Replacement Lamp (SP-LAMP-077)
Universal Ceiling Mount (PRJ-MNT-UNIV)
Short Throw Wall Mounts (PRJ-WALLKIT-11 or -12)
Additional LiteBoard Wand Kit (HW-LBWAND-01)
802.11 b/g Wireless Module (SP-WIFIUSB)
Cables & Adapters
Extended warranties
Alternate remote controls

For more information, visit:
www.infocus.com/Accessories

Warranty
The IN3920 interactive projector series comes standard with a 2-year limited parts and labor warranty and a 6-month limited lamp replacement warranty. Extended product and lamp warranty programs are also available.

For more information, visit:
www.infocus.com/Support/Warranty

LiteBoard™ interactive | InFocus Bright Ideas Made Brilliant

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InFocus_IN3920_DS_EN_10OCT12. Part Number: MMINFOCUS-0204.

www.infocus.com

StarTech.com

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Spec Sheet

2 Port VGA Video Splitter - USB Powered

StarTech ID: ST122LE

This 2-Port VGA Video Splitter allows a computer to display VGA video on two monitors simultaneously.

Perfect for classrooms, tradeshows, or any environment requiring high quality video on several monitors, the ST122LE VGA splitter supports displays with up to 300 MHz of bandwidth and up to 2048x1536 resolution. Plus, to simplify placement of your VGA displays, the splitter features a built-in booster circuit that allows you to locate VGA monitors up to 200 ft away from your system, and can be powered through a USB connection to the host computer, eliminating the need to find an available power outlet.

Application Diagram

The ST122LE VGA Splitter supports easy plug and play installation, and is backed by StarTech.com's 2-year warranty and FREE lifetime tech support.

Applications

- Use for in-store product merchandising in retail environments to give your advertisements greater visibility
- Display travel schedules and alerts in airports, bus terminals and train stations
- Create engaging multimedia presentations for demonstration in lecture halls and classrooms
- Get your message across multiple displays for trade-shows or information booths/kiosks
- Quick and easy solution to split a video signal in an auditorium or house of worship

StarTech.com

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Spec Sheet

Features

- Supports resolutions up to 2048 x 1536 @60Hz
- USB-Powered
- Our most compact VGA splitter
- 300 MHz video bandwidth
- Integrated signal amplifier boosts your connection range to 210 feet (65 meters)
- Supports DDC, DDC2, DDC2B (For video out port 1)

Technical Specifications

Warranty	2 Years
Ports	2
Industry Standards	DDC, DDC2, DDC2B, on Video Out Port 1
Connector A	1 - VGA (15 pin; High Density D-Sub) Male
Connector B	2 - VGA (15 pin; High Density D-Sub) Female
Maximum Cable Length	213.2 ft [65 m]
Maximum Analog Resolutions	2048x1536
Bandwidth	300MHz
MTBF	40,000 Hours
Color	Black
Enclosure Type	Plastic
Center Tip Polarity	Positive
Plug Type	M
Power Adapter Included	USB-Powered
Power Adapter Included	Yes
Output Voltage	5 DC
Output Current	0.5A
Operating Temperature	0°C to 70°C (32°F to 158°F)
Storage Temperature	-20°C to 85°C (-4°F to 185°F)
Humidity	0% - 95%
Shipping (Package) Weight	0.4 lb [0.2 kg]
Included in Package	1 - Video Splitter
Included in Package	1 - USB to DC power adapter
Included in Package	1 - User Manual

SPECIFICATION SHEET

GET CONNECTED

12m USB 2.0 Active Extension Cable

- Overcome the 5m length limitation of USB
- Supports data transfer rates up to 480Mbps
- Daisy-chain cables to support up to 36m
- No software required

3555 Kettering Blvd. | Moraine OH | 45439 | www.c2g.com | 800.287.2843

Specifications: 12m USB 2.0 Active Extension Cable

Signal Specifications:

Data Signal Specifications:	USB 2.0
Maximum Data Transfer Rate:	480Mbps
USB Power Consumed:	100mA

Cable Specifications:

Conductor: (Qty 1 pair)

Power Input:	100- 240VAC ~ 47-63Hz, 0.48A
Power Output::	5VDC 3.5A
Pin Diameter:	5.5mm
Center Pin Polarity:	Positive

Conductor: (Qty 2 conductors)

Power Input:	100- 240VAC ~ 47-63Hz, 0.48A
Power Output::	5VDC 3.5A
Pin Diameter:	5.5mm
Center Pin Polarity:	Positive

Overall Cable:

Foil Shields:	Aluminum Mylar 100% coverage min.
Braided Shield:	16/4/0.100 Tinned Copper 65% coverage min.
Jacket:	PVC translucent white
Outer Diameter:	4.50 ± 0.1mm

Physical Characteristics:

Voltage Rating:	30V
Temperature Rating:	80°C
Hood Material:	SR - Molded Black PVC
Plastic Cover Material:	Black ABS
Plastic Cover Dimension:	57.0 x 32.0 x 16.4mm
Weight:	0.346kg

Connector:

Connector Type:	USB Type A Male
Contact Plating:	30µm Gold Plating
Insulation:	Black PBT

Connector:

Connector Type:	USB Type A Female
Contact Plating:	30µm Gold Plating
Insulation:	Black PBT

Part Number	Description	Weight (lbs)
39000	12m USB 2.0 Active Extension Cable	0.960

3555 Kettering Blvd. | Moraine OH | 45439 | www.c2g.com | 800.287.2843

GET CONNECTED

Audio & Video 2xCAT5e Extender Kit

SKU: VARCA-1P

What does it do?

Intuitive design that anticipates both computer and regular A/V applications. This CAT5e wallplate extender kit extends up to 30 meter (100ft) and has shielded casing to meet government, school, and commercial requirements.

30M PC & Composite Wallplate

Connects any computer to projector and DVD player to HDTV. Using 2xCAT5e RJ45 cables, it provides both PC VGA & stereo audio along with composite audio and video. Both transmitter and receiver have grounding screws. When power port is not available, this is a perfect A/V extender solution.

Features:

- Transmits computer & composite audio & video
- Both interfaces can be active at the same time
- Works with projector, HDTV and DVD player
- Extends up to 100ft using dual-CAT5e cable
- Supports VGA/SXGA up to 1280x1024 @ 60Hz*
- Decora-style shielded metal casing with grounding
- Includes transmitter, receiver, cables & mounting screws
- RoHS, FCC & CE Compliant

* Maximum supported resolution is dependent on CAT5e cable length

Specifications

VARCA-1P	0 37229 00734 5
Signal Type	PC VGA/SXGA & Composite
Audio	Stereo
Video Bandwidth	Up to 100MHz
Connectors	HD15/3.5mm / RCA / RJ45
Insertion Loss	less than 3db
Impedance	RGB - 75Ohms Unbalanced CAT5e - 100Ohms Balanced
Video Signal Return Loss	-15db Max from DC to 60MHz
PC & LCD Compatibility	Yes
Operating Temperature	32 to 131°F
Certification	RoHS Compliant
Warranty	One Year

QVS *The Connectivity Specialists*

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Pro Series Projector Wall Mount

PRO Series
mounting solutions

CLASSROOM TECHNOLOGY
Solutions

www.ctsed.com

- Telescopic arm adjusts for ideal projector throw distance
- Designed for mounting short throw projectors, with arms for 3 or 4 mounting points
- 15° projector rotation with 15° tilt, allowing upward and downward as well as forward and backward adjustment
- Easy to install

The **Pro Series Projector Wall Mount** makes it easy to mount a projector above your whiteboard or screen. Featuring a telescopic arm, the Pro Series Wall Mount allows you to accommodate different projectors' throw requirements. The aesthetic cable management system keeps cables secure and out of sight. The aluminum mounting head provides a strong, lightweight, heat-dissipating unit that helps extend projector lamp life. This mount supports almost any projector weighing up to 33 lbs.

Pro Series Projector Wall Mount

AVM-PRO-UNV-1524-WM

AVM-PRO-UNV-2747-WM

AVM-PRO-UNV-3564-WM

[illegible]	Pro Series Projector Wall Mount
[illegible]	AVM PRO Series
[illegible]	AVM-PRO-UNV-1524-WM ***Short*** *— Extends 15.2" to 23.6" from wall* AVM-PRO-UNV-2747-WM ***Medium*** *— Extends 27" to 47.2" from wall* AVM-PRO-UNV-3564-WM ***Long*** *— Extends 34.8" to 64.4" from wall*
[illegible]	Ideal for mounting projectors above whiteboards or screens. Telescopic arm allows you to slide projector to desired location. Made of high-quality, lightweight aluminum alloy for heat dissipation and strength. Fits virtually any projector, with arms for 3-4 mounting points. Mount head offers 15° projector rotation and 15° tilt. Cable management system keeps cables secure and out of sight. Can be mounted to concrete, brick, or wood wall or stud. Mounting hardware & tool kit included.
[illegible]	33 lbs (15 kg)
[illegible]	Aluminum Alloy
[illegible]	Silver

4909 Victor St. | Jacksonville, FL 32207 | Phone: 904-731-1006 | Toll Free: 877-733-1006 | Fax: 904-731-1007 | Email: info@ctsed.com

Package 3

IN3920 (SERIES)

InFocus

Bright Ideas Made Brilliant

The smart alternative to interactive whiteboards.

Interactive learning just got more affordable.

IN3920

IN3920 Series Interactive Projector

These ultra short throw projectors with breakthrough LiteBoard™ interactive technology let teachers and other professionals interact with the projected image – turning any surface into an engaging, collaborative interactive workspace.

It's like an interactive whiteboard without the board.

Use wand as a mouse to draw, write and click

Control all your favorite PC or Mac applications with the wireless LiteBoard Wand just as you would with your mouse.

- The LiteBoard Wand has left-click and right-click buttons, a scroll wheel, and more
- Draw and annotate on the visuals you're projecting
- Easily advance and reverse your presentation slides
- No special software is needed: it works with the software you use today

Interact up close or away for maximum accessibility

Anyone can participate and interact because they don't need to touch the image – just point and click the wand. You can even use two wands at the same time.

- Teachers can interact with the images while out in the class with the students
- Ordinary business meetings turn into collaboration sessions
- Dual wand functionality allows two people to interact on the same content at the same time
- People of any height, including wheelchair users, can interact with all parts of the image

Hold the wand like a pen for drawing or writing, or hold it like a remote control – whichever is more comfortable.

Compare to an interactive whiteboard

	IN3920 Series	Interactive Whiteboard
Interaction	At the image or away	At the image only
Accessibility	Touch is not required so the entire image is accessible to anyone	Top of the board/image can be hard to reach
Image size (Diagonal)	Up to 112"/2.8 m wide	Up to 82"/2.1 m wide
Cost	One low-priced projector is all you need	High cost for a board and a projector
Size and mobility	Easily move or install	Big and hard to move
Calibration	None	Required
Drivers	None	Required

IN3920 Back Panel

Connect your collaboration and classroom tools

Easily connect your PC or Mac, DVD player, or document reader via a multitude of inputs, including HDMI, VGA, composite, and USB ports.

- Present from a USB thumb drive without a computer
- IT administrators can control the projector remotely via the LAN port
- Connect wirelessly with optional 802.11 b/g wireless USB module

Use two wands at once

Two LiteBoard wands can be used at the same time to improve collaboration in classrooms, training sessions, and business meetings.

- Two users can interact at the same time or independently
- Students can use one wand and the teacher use the other
- Save time when switching users
- Windows 7 or higher required

Room-filling audio

Get your message across from the front row to the back with the IN3920 projector's clear and powerful audio system – one of the best you'll hear in this price range.

- Integrated 20-watt stereo speakers (2 × 10 w)
- Preserve your voice with dedicated dynamic microphone input
- Narration feature lets your voice be heard over the audio of your presentation/video
- Audio processor shapes the sound for best performance

Minimal shadow interference

Get big images when the IN3920 ultra short throw projector is close to the wall to reduce shadows, free up space and reduce ambient noise.

- Project a 8 foot (2.4 m) wide interactive image from only 3 feet (0.9 m) away (IN3926 model)
- Interact with an image that can be up to 112" (2.8 m) wide (diagonal)
- Install on wall or ceiling or place on a tabletop or media cart
- Display 3D video and images created in the top emerging 3D standards

"... As transformative for education as early interactive boards were – maybe more."

– Scholastic Administr@tor Tech Tools

Software that makes interacting easy and fun

- Education version includes drawing, math, geography, literacy and curriculum-building tools
- Business version includes annotation, productivity and screen capture tools
- Works on top of your web browser and other favorite applications
- PC and Mac compatible

WizTeach InFocus Edition software

Control the display of multiple PCs

A presenter or teacher can connect up to 32 computers to one projector (via a network or optional wireless connection) and control who presents from one web page.

- Connect up to 32 computers and select the one(s) you want to project
- Display up to 4 computer screens simultaneously

Computer Name	Play Control	IP Address
sbailey	1 2 3 4	192.168.3.101
mkruger	1 2 3 4	192.168.3.117
rkent	1 2 3 4	192.168.3.142
rdetwile	1 2 3 4	192.168.3.125
dbaldoni	1 2 3 4	192.168.3.098
rburdick	1 2 3 4	192.168.3.104
tokeefe	1 2 3 4	192.168.3.057
sneisen	1 2 3 4	192.168.3.156

Moderator control panel

Project up to 4 computer screens at the same time

Specifications*

	IN3924	IN3926
Resolution (native)	XGA 1024 × 768	WXGA 1280 × 800
Brightness	3000 lumens	
Connections (Input)	HDMI 1.4, VGA × 2, USB Mini-B (for display), USB Type-A × 2 (for wireless LAN or thumb drive), Composite, S-Video, 3.5mm audio, 3.5mm microphone, LAN (RJ-45)	
Connections (Output)	Monitor out: VGA, Variable audio out: 3.5 mm, Power out: 12v amp (screen trigger)	
Control	RS232, USB Type-B, LAN (RJ-45)	
Aspect ratio (native)	4:3	16:10
Throw ratio	0.48:1	0.375:1
Image size (width)	49 - 74" (1.25 - 1.9 m)	62 - 94" (1.6 - 2.4 m)
Image offset	15 %	13 %
Power consumption	250 watts (Eco Mode); 300 watts (Bright); < 1 watt (Standby)	
Audio	20 w (2 × 10 w speakers), voice and multimedia modes	
Warranty	2-year limited product warranty, 6-month limited lamp warranty, 90-day limited accessories warranty	
Standard accessories	VGA cable, Remote control, Wand Kit (includes LiteBoard Wand, wand dock, power charger and USB cables), WizTeach InFocus Edition software	

Projection Distances to Interactive Whiteboards

Whiteboard Size (W × H)	61.6 × 46.2 in (156.5 × 117 cm)	38.4 × 28.7 in (97.5 × 73 cm)	51.3 × 38.3 in (130 × 97 cm)	74 × 46.3 in (188 × 117 cm)
Aspect Ratio	4:3			16:10
Distance to Projector	IN3924: 29.6 in (75 cm)	IN3924: 18.4 in (47 cm)	IN3924: 24.6 in (62.5 cm)	IN3926: 27.8 in (70.5 cm)

Optics
Maximum contrast ratio: 2400:1
Supported aspect ratio: 4:3, 5:4, 16:9, 16:10
Zoom ratio: Fixed
Projection distance: 23.5 - 35.4" (0.6 - 0.9 m)
Projection methods: Front, ceiling, rear
Keystone correction: ±40%
Video compatibility: 480i/p, 576i/p, 720p, 1080i/p, NTSC/NTSC4.43/PAL/PAL-M/PAL-N/SECAM
H-Synch range: 31.4 - 91.1 KHz
V-Synch range: 23.5 - 120 Hz
3D projector: Yes. Supports PC-based 3D content configured at 720p running at 120Hz signal. DLP Link 3D glasses required.

LiteBoard Wand
Wand operation: Up to 40 ft. (12 m) from projector, 45° pen to image angle
Battery: ~40 hours life on full charge, rechargeable via USB using included power supply or other USB power source
Dual wand operation: Requires Windows 7 or higher

Operation
Lamp life: 4000 hours (Eco Mode), 3000 hours (Bright)
Lamp power: 3000 lumens, 225 watts
Power supply: 110 - 240 VAC, 50/60 Hz
Audible noise: 30 dB (Eco Mode), 33 dB (Bright)
Operating temperature: 10 - 40° C
Altitude (max): 7500 ft at 104° F (2286 m at 40° C), 10000 ft at 95° F (3048 m at 35° C)
Menu languages: Danish, Dutch, English, Finnish, French, German, Italian, Korean, Norwegian, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Arabic, Vietnamese, Bahasa Indonesia

Physical
Product dimensions: 5.2 × 12.9 × 9" (133 × 327 × 230 mm)
Product weight: 9.9 lbs (4.5 kg)
Shipping dimensions: 15 × 13.5 × 9.5" (385 × 340 × 245 mm)
Shipping weight: 11.24 lbs (5.1 kg)
Security: Kensington® lock
Lamp (particle) containment: Tested to contain particles larger than 0.8 mm
Approvals: UL & CUL (USA and Canada), FCC (USA), CE (Europe), C-Tick Mark (Australia), NOM & COFETEL (Mexico), CCC (China), IRAM (Argentina)

System Requirements
LiteBoard: OS compatibility: Windows (XP, Vista, 7), Mac, Linux
USB display: OS compatibility: Windows (XP Service Pack, Vista 32/64 bit, Win 7 32/64 bit)
LAN display, WiFi display, Quad View display: OS compatibility: Windows (XP Service Pack, Vista 32/64 bit, Win 7 32/64 bit), Mac (10.4 and higher)
USB thumb drive port: USB 2.0/1.1, JPG, BMP, TIFF, GIF, or PNG file
Presentation to Go (PtG) Converter: Pentium-M1.5G or higher, Windows (XP Service Pack, Vista 32/64 bit, Win 7 32/64 bit), MS Office 2003 or 2007

Optional Accessories
Replacement Lamp (SP-LAMP-077)
Universal Ceiling Mount (PRJ-MNT-UNIV)
Short Throw Wall Mounts (PRJ-WALLKIT-11 or -12)
Additional LiteBoard Wand Kit (HW-LBWAND-01)
802.11 b/g Wireless Module (SP-WIFIUSB)
Cables & Adapters
Extended warranties
Alternate remote controls

For more information, visit:
www.infocus.com/Accessories

Warranty
The IN3920 interactive projector series comes standard with a 2-year limited parts and labor warranty and a 6-month limited lamp replacement warranty. Extended product and lamp warranty programs are also available.

For more information, visit:
www.infocus.com/Support/Warranty

LiteBoard interactive | InFocus Bright Ideas Made Brilliant

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InFocus_IN3920_DS_EN_100CT12. Part Number: MMINFOCUS-0204.

www.infocus.com

StarTech.com

Hard-to-find made easy®

Spec Sheet

2 Port VGA Video Splitter - USB Powered

StarTech ID: ST122LE

This 2-Port VGA Video Splitter allows a computer to display VGA video on two monitors simultaneously.

Perfect for classrooms, tradeshows, or any environment requiring high quality video on several monitors, the ST122LE VGA splitter supports displays with up to 300 MHz of bandwidth and up to 2048x1536 resolution. Plus, to simplify placement of your VGA displays, the splitter features a built-in booster circuit that allows you to locate VGA monitors up to 200 ft away from your system, and can be powered through a USB connection to the host computer, eliminating the need to find an available power outlet.

Application Diagram

The ST122LE VGA Splitter supports easy plug and play installation, and is backed by StarTech.com's 2-year warranty and FREE lifetime tech support.

Applications

- Use for in-store product merchandising in retail environments to give your advertisements greater visibility
- Display travel schedules and alerts in airports, bus terminals and train stations
- Create engaging multimedia presentations for demonstration in lecture halls and classrooms
- Get your message across multiple displays for trade-shows or information booths/kiosks
- Quick and easy solution to split a video signal in an auditorium or house of worship

StarTech.com

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Spec Sheet

Features

- Supports resolutions up to 2048 x 1536 @60Hz
- USB-Powered
- Our most compact VGA splitter
- 300 MHz video bandwidth
- Integrated signal amplifier boosts your connection range to 210 feet (65 meters)
- Supports DDC, DDC2, DDC2B (For video out port 1)

Technical Specifications

Warranty	2 Years
Ports	2
Industry Standards	DDC, DDC2, DDC2B, on Video Out Port 1
Connector A	1 - VGA (15 pin; High Density D-Sub) Male
Connector B	2 - VGA (15 pin; High Density D-Sub) Female
Maximum Cable Length	213.2 ft [65 m]
Maximum Analog Resolutions	2048x1536
Bandwidth	300MHz
MTBF	40,000 Hours
Color	Black
Enclosure Type	Plastic
Center Tip Polarity	Positive
Plug Type	M
Power Adapter Included	USB-Powered
Power Adapter Included	Yes
Output Voltage	5 DC
Output Current	0.5A
Operating Temperature	0°C to 70°C (32°F to 158°F)
Storage Temperature	-20°C to 85°C (-4°F to 185°F)
Humidity	0% - 95%
Shipping (Package) Weight	0.4 lb [0.2 kg]
Included in Package	1 - Video Splitter
Included in Package	1 - USB to DC power adapter
Included in Package	1 - User Manual

SPECIFICATION SHEET

GET CONNECTED

12m USB 2.0 Active Extension Cable

- Overcome the 5m length limitation of USB
- Supports data transfer rates up to 480Mbps
- Daisy-chain cables to support up to 36m
- No software required

3555 Kettering Blvd. | Moraine OH | 45439 | www.c2g.com | 800.287.2843

Specifications: 12m USB 2.0 Active Extension Cable

Signal Specifications:

Data Signal Specifications:	USB 2.0
Maximum Data Transfer Rate:	480Mbps
USB Power Consumed:	100mA

Cable Specifications:

Conductor: (Qty 1 pair)

Power Input:	100- 240VAC ~ 47-63Hz, 0.48A
Power Output::	5VDC 3.5A
Pin Diameter:	5.5mm
Center Pin Polarity:	Positive

Conductor: (Qty 2 conductors)

Power Input:	100- 240VAC ~ 47-63Hz, 0.48A
Power Output::	5VDC 3.5A
Pin Diameter:	5.5mm
Center Pin Polarity:	Positive

Overall Cable:

Foil Shields:	Aluminum Mylar 100% coverage min.
Braided Shield:	16/4/0.100 Tinned Copper 65% coverage min.
Jacket:	PVC translucent white
Outer Diameter:	4.50 ± 0.1mm

Physical Characteristics:

Voltage Rating:	30V
Temperature Rating:	80°C
Hood Material:	SR - Molded Black PVC
Plastic Cover Material:	Black ABS
Plastic Cover Dimension:	57.0 x 32.0 x 16.4mm
Weight:	0.346kg

Connector:

Connector Type:	USB Type A Male
Contact Plating:	30µm Gold Plating
Insulation:	Black PBT

Connector:

Connector Type:	USB Type A Female
Contact Plating:	30µm Gold Plating
Insulation:	Black PBT

Part Number	Description	Weight (lbs)
39000	12m USB 2.0 Active Extension Cable	0.960

3555 Kettering Blvd. | Moraine OH | 45439 | www.c2g.com | 800.287.2843

GET CONNECTED

Audio & Video 2xCAT5e Extender Kit

SKU: VARCA-1P

What does it do?

Intuitive design that anticipates both computer and regular A/V applications. This CAT5e wallplate extender kit extends up to 30 meter (100ft) and has shielded casing to meet government, school, and commercial requirements.

30M PC & Composite Wallplate

Connects any computer to projector and DVD player to HDTV. Using 2xCAT5e RJ45 cables, it provides both PC VGA & stereo audio along with composite audio and video. Both transmitter and receiver have grounding screws. When power port is not available, this is a perfect A/V extender solution.

Features:

- Transmits computer & composite audio & video
- Both interfaces can be active at the same time
- Works with projector, HDTV and DVD player
- Extends up to 100ft using dual CAT5e cable
- Supports VGA/SXGA up to 1280x1024 @ 60Hz*
- Decora-style shielded metal casing with grounding
- Includes transmitter, receiver, cables & mounting screws
- RoHS, FCC & CE Compliant

* Maximum supported resolution varies depending on CAT5e cable quality

Specifications

VARCA-1P	0 37229 00714 6
Signal Type	PC VGA/SXGA & Composite
Audio	Stereo
Video Bandwidth	Up to 100MHz
Connectors	HD15/ 3.5mm / RCA / RJ45
Insertion Loss	Less than 3db
Impedance	RGB - 75Ohms Unbalanced CAT5e - 100Ohms Balanced
Video Signal Return Loss	-15db Max from DC to 60MHz
PC & LCD Compatibility	Yes
Operating Temperature	32 to 131°F
Certification	RoHS Compliant
Warranty	One Year

QVS *The Connectivity Specialists*

West (1-800-344-3271)
2351 Sunset Canyon Drive
Las Vegas, NV 89128

East (1-800-622-9606)
30777 Beverly Road
Romulus, MI 48174

Visit us on the web at **www.QVS.com**

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Pro Series Projector Wall Mount

PRO Series
mounting solutions

CLASSROOM TECHNOLOGY
Solutions

www.ctsed.com

- Telescopic arm adjusts for ideal projector throw distance
- Designed for mounting short throw projectors, with arms for 3 or 4 mounting points
- 15° projector rotation with 15° tilt, allowing upward and downward as well as forward and backward adjustment
- Easy to install

The **Pro Series Projector Wall Mount** makes it easy to mount a projector above your whiteboard or screen. Featuring a telescopic arm, the Pro Series Wall Mount allows you to accommodate different projectors' throw requirements. The aesthetic cable management system keeps cables secure and out of sight. The aluminum mounting head provides a strong, lightweight, heat-dissipating unit that helps extend projector lamp life. This mount supports almost any projector weighing up to 33 lbs.

Pro Series Projector Wall Mount

AVM-PRO-UNV-1524-WM

AVM-PRO-UNV-2747-WM

AVM-PRO-UNV-3564-WM

[illegible]	Pro Series Projector Wall Mount
[illegible]	AVM PRO Series
[illegible]	AVM-PRO-UNV-1524-WM ***Short** — Extends 15.2" to 29.6" from wall* AVM-PRO-UNV-2747-WM ***Medium** — Extends 27" to 47.2" from wall* AVM-PRO-UNV-3564-WM ***Long** — Extends 34.8" to 64.4" from wall*
[illegible]	Ideal for mounting projectors above whiteboards or screens. Telescopic arm allows you to slide projector to desired location. Made of high-quality, lightweight aluminum alloy for heat dissipation and strength. Fits virtually any projector, with arms for 3-4 mounting points. Mount head offers 15° projector rotation and 15° tilt. Cable management system keeps cables secure and out of sight. Can be mounted to concrete, brick, or wood wall or stud. Mounting hardware & tool kit included.
[illegible]	33 lbs (15 kg)
[illegible]	Aluminum Alloy
[illegible]	Silver

4909 Victor St. | Jacksonville, FL 32207 | Phone: 904-731-1006 | Toll Free: 877-733-1006 | Fax: 904-731-1007 | Email: info@ctsed.com

Package 4

IN100 (SERIES)

InFocus
Bright Ideas Made Brilliant

Unbelievable low price. Unbeatable value.

The InFocus IN100 Series are not only some of the lowest cost projectors we've ever sold, but also have one of the longest-lasting lamps – for incredibly low total cost of ownership.

These value-packed projectors are easy to buy and built to perform with high brightness, high contrast ratio and BrilliantColor™ technology. Plus, their slim, compact design and light weight make them as easy to move around as they are to install.

MODELS

IN112	IN114	IN116
SVGA (800 x 600) 2700 lumens	XGA (1024 x 768) 2700 lumens	WXGA (1280 x 800) 2700 lumens HDMI 1.4

Why choose the IN100 Series?

- Ultra-low purchase price
- Long life lamp of up to 6,000 hours lowers costs even more
- High 4000:1 contrast ratio
- Slim design and weighs only 4.8 lbs (2.17 kg)
- Accurate and vivid color reproduction with BrilliantColor technology
- HDMI connectivity (IN116)
- 3D technology supports up to 120 Hz frame rate

Connectivity

VGA x 2	HDMI 1.4 (IN116)
Composite Video	S-Video
RS232	3.5 mm audio in
Mini USB (control & firmware)	3.5 mm audio out
	Monitor out (VGA)

Lowest Total Cost of Ownership

The IN100 Series are not only the lowest priced office/classroom projectors we've ever offered, but their lamp lasts 50% longer than the previous generation. There aren't even any filters to replace. It's an unbeatable value.

High Brightness and High Contrast

The image quality of these projectors will not disappoint. 2700 lumens will give you bright, clear images with the lights on and the high 4000:1 contrast ratio adds sharpness with darker blacks and whiter whites.

Preset modes give you the best image quality on a beige wall, whiteboard, blackboard or other surface.

Resolution Options

Choose from native resolution of SVGA for the best price, XGA for better image detail and clarity, or widescreen WXGA resolution for projecting high definition video and wide laptop screens without scaling.

Compact, Slim and Light

The IN100 Series is small and lightweight for easy portability from one room or building to the next. It's slim design is only 2.7 in (70 mm) tall and weighs only 4.8 lbs (2.17 kg).

Specifications*

	IN112	IN114	IN116
Native Resolution	SVGA 800 x 600	XGA 1024 x 768	WXGA 1280 X 800
Maximum Resolution	WUXGA 1920 x 1200		
Display Technology	0.55" SVGA, 800x600 (450 type), DDP2431+DDRII	0.55" XGA, 1024x768 (450 type), DDP2431+DDRII	0.65" WXGA, 1280x800 (450 type), DDP2431+DDRII
Brightness	2700 lumens Normal Mode (2200 lumens Eco Mode)		
Lamp Life**	5000 hours Normal Mode (6000 hours Eco Mode)		
Lamp Power	180W UHP		
Contrast Ratio	4000:1		
Color Wheel	6 Segment, 2x Speed		
Audible Noise	30 dB Normal Mode (28 dB Eco Mode)		
Computer Compatibility	PC, MAC		
Projection Offset	15%		13%
Keystone Correction	± 40% vertical		
Lens Type	Manual zoom and focus		
Lens - Throw Ratio	1.97 - 2.17 (50"@ 2 m)		1.47 - 1.83 (99.6"@ 3.2 m)
- Zoom Ratio	1.1:1		1.2:1
Number of Colors	1.07 billion		
Aspect Ratio	4:3 (Native), Supports 16:9, 16:10, Auto		16:10 (Native), Supports 4:3, 16:9, Auto
Synch - Horizontal Scan Freq	31 - 100 kHz		
- Vertical Scan Freq	50 - 120 Hz		
Video Compatibility	SDTV (NTSC, PAL, SECAM, 480i, 576i), ED/HDTV (480p, 576p, 720p, 1080i, 1080p)		
Audio	2 W mono		
Input Sources	VGA x 2, Composite Video, S-Video, 3.5 mm stereo input, RS232C, USB B Mini (control & firmware)		
			HDMI 1.4
Output Sources	Monitor out (VGA), Audio out (3.5 mm)		
Control	Projector Keypad, IR Remote, RS232, USB B Mini for mouse		
Product Dimensions - W×D×H	11.81 × 9.25 × 2.76 in / 284 × 235 × 70 mm		
Product Weight	4.8 lbs / 2.17 kg (Estimated)		
Shipping Dimensions - W×D×H	12.99 × 12.99 × 5.90 in / 330 × 330 × 150 mm		
Shipping Weight	8.0 lbs / 3.67 kg (Estimated)		
Maximum Altitude	10,000 ft / 3,048 m		
Operating Temperature	41 - 95° F / 5 - 35° C		
Remote Control	Full Function (No laser)		
Security Features	Security lock slot, Security bar, User PIN		
Ships with - Accessories	Power cord, VGA cable, Safety instructions, User Manual, Remote Control		
Warranty	2-year		
Lamp Warranty	6 months		
Accessories Warranty	90 days		
Menu Languages	19 languages (English, French, German, Italian, Korean, Norwegian, Portuguese, Russian, Simplified Chinese, Spanish, Traditional Chinese, Swedish, Dutch, Polish, Turkish, Danish, Finnish, Arabic and Vietnamese)		
Approvals	UL and c-UL (US/Canada), FCC (US/Canada), CE (Europe)		

* Product specifications, terms, and offerings are subject to change at any time without notice.
** Actual lamp life may vary based on the ambient environment and projector usage. Conditions that may affect lamp life include temperature, altitude, and rapidly switching the projector on and off.

Optional Accessories

Replacement Lamp (SP-LAMP-069)
Universal Ceiling Mount (PRJ-MNT-UNIV)
LiteShow Wireless Adapter (INLITESHOW3)
LiteShow Mount (PRJ-MNT-LS3)
Soft Carry Case (CA-SOFTCASE-MTG)
Extended Warranties (PROJ-EW1YR-V, PROJ-EW2YR-V)
Cables and adapters

For more information, please visit:
www.infocus.com/Accessories

Warranty

Providing the highest quality products and support is very important to us. The IN110 Series comes standard with a 2-year factory warranty and 6-month lamp replacement warranty. Extended product and lamp warranty programs are also available.

For more information, please visit:
www.infocus.com/Support/Warranty

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Bright Ideas Made Brilliant

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InFocus_IN110_Series_DS_EN_04APR13

MODEL B® WITH CSR (Controlled Screen Return)

Durable Manual Wall or Ceiling Screen

- Perfect for classroom and meeting room facilities.
- Nylon bearings provide smooth quiet operation for the life of the screen.
- Case design allows flush mounting to the ceiling or wall.
- CSR is a feature offered exclusively by Da-Lite to assist in the quiet controlled return of the screen into the case.
- Pull cord included on all sizes.

Available Screen Surfaces: Matte White, High Contrast Matte White, Video Spectra 1.5, High Power® and High Contrast High Power®.

See pages 6-10 for surface descriptions.

4:3 VIDEO FORMAT DIMENSIONS

Viewing Area H x W		Nominal Diagonal		Overall Case Length	
In.	cm	In.	cm	In.	cm
43" x 57"	109 x 145	72"	183	63⅜"	161
50" x 67"	127 x 170	84"	213	73⅛"	186
57" x 77"	145 x 196	96"	244	84⅜"	214
60" x 80"	152 x 203	100"	254	87⅜"	222
69" x 92"	175 x 234	120"	305	99⅞"	252

16:9 HDTV FORMAT DIMENSIONS

Viewing Area H x W		Nominal Diagonal		Overall Case Length	
In.	cm	In.	cm	In.	cm
37½" x 67"	95 x 170	77"	196	73⅛"	186
45" x 80"	114 x 203	92"	234	87⅜"	222
52" x 92"	132 x 234	106"	269	99⅞"	252

16:10 WIDE FORMAT

Viewing Area H x W		Nominal Diagonal		Overall Case Length	
In.	cm	In.	cm	In.	cm
50" x 80"	127 x 203	94"	239	87⅜"	222
57½" x 92"	146 x 234	109"	277	99⅞"	252

SQUARE FORMAT DIMENSIONS

Size H x W		Overall Case Length	
In.	cm	In.	cm
60" x 60"	152 x 152	63⅜"	161
70" x 70"	178 x 178	73⅛"	186
84" x 84"	213 x 213	87⅜"	222
96" x 96"	244 x 244	99⅞"	252

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Spec Sheet

2 Port VGA Video Splitter - USB Powered

StarTech ID: ST122LE

This 2-Port VGA Video Splitter allows a computer to display VGA video on two monitors simultaneously.

Perfect for classrooms, tradeshows, or any environment requiring high quality video on several monitors, the ST122LE VGA splitter supports displays with up to 300 MHz of bandwidth and up to 2048x1536 resolution. Plus, to simplify placement of your VGA displays, the splitter features a built-in booster circuit that allows you to locate VGA monitors up to 200 ft away from your system, and can be powered through a USB connection to the host computer, eliminating the need to find an available power outlet.

Application Diagram

The ST122LE VGA Splitter supports easy plug and play installation, and is backed by StarTech.com's 2-year warranty and FREE lifetime tech support.

Applications

- Use for in-store product merchandising in retail environments to give your advertisements greater visibility
- Display travel schedules and alerts in airports, bus terminals and train stations
- Create engaging multimedia presentations for demonstration in lecture halls and classrooms
- Get your message across multiple displays for trade-shows or information booths/kiosks
- Quick and easy solution to split a video signal in an auditorium or house of worship

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Spec Sheet

Features

- Supports resolutions up to 2048 x 1536 @60Hz
- USB-Powered
- Our most compact VGA splitter
- 300 MHz video bandwidth
- Integrated signal amplifier boosts your connection range to 210 feet (65 meters)
- Supports DDC, DDC2, DDC2B (For video out port 1)

Technical Specifications

Warranty	2 Years
Ports	2
Industry Standards	DDC, DDC2, DDC2B, on Video Out Port 1
Connector A	1 - VGA (15 pin; High Density D-Sub) Male
Connector B	2 - VGA (15 pin; High Density D-Sub) Female
Maximum Cable Length	213.2 ft [65 m]
Maximum Analog Resolutions	2048x1536
Bandwidth	300MHz
MTBF	40,000 Hours
Color	Black
Enclosure Type	Plastic
Center Tip Polarity	Positive
Plug Type	M
Power Adapter Included	USB-Powered
Power Adapter Included	Yes
Output Voltage	5 DC
Output Current	0.5A
Operating Temperature	0°C to 70°C (32°F to 158°F)
Storage Temperature	-20°C to 85°C (-4°F to 185°F)
Humidity	0% - 95%
Shipping (Package) Weight	0.4 lb [0.2 kg]
Included in Package	1 - Video Splitter
Included in Package	1 - USB to DC power adapter
Included in Package	1 - User Manual

Audio & Video 2xCAT5e Extender Kit

SKU: VARCA-1P

What does it do?

Intuitive design that anticipates both computer and regular A/V applications. This CAT5e wallplate extender kit extends up to 30 meter (100ft) and has shielded casing to meet government, school, and commercial requirements.

30M PC & Composite Wallplate

Connects any computer to projector and DVD player to HDTV. Using 2xCAT5e RJ45 cables, it provides both PC VGA & stereo audio along with composite audio and video. Both transmitter and receiver have grounding screws. When power port is not available, this is a perfect A/V extender solution.

Features:

- Transmits computer & composite audio & video
- Both interfaces can be active at the same time
- Works with projector, HDTV and DVD player
- Extends up to 100ft using dual-CAT5e cable
- Supports VGA/SXGA up to 1280x1024 @ 60Hz*
- Decora-style shielded metal casing with grounding
- Includes transmitter, receiver, cables & mounting screws
- RoHS, FCC & CE Compliant

* Maximum supported resolution varies depending on CAT5e cable quality

Specifications

VARCA-1P	0 37229 00714 5
Signal Type	PC VGA/SXGA & Composite
Audio	Stereo
Video Bandwidth	Up to 100MHz
Connectors	HD15/ 3.5mm / RCA / RJ45
Insertion Loss	Less than 3db
Impedance	RGB - 75Ohms Unbalanced CAT5e - 100Ohms Balanced
Video Signal Return Loss	-15db Max from DC to 60MHz
PC & LCD Compatibility	Yes
Operating Temperature	32 to 131°F
Certification	RoHS Compliant
Warranty	One Year

QVS *The Connectivity Specialists*

West (1-800-344-3371)
2731 Crimson Canyon Drive
Las Vegas, NV 89128

East (1-800-622-9606)
30727 Beverly Road
Romeo, MI 48174

visit us on the web at **www.QVS.com**

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All data and specs subject to change without notice.

Universal Drop Ceiling Projector Mount

PRO Series
mounting solutions

CLASSROOM TECHNOLOGY
Solutions

www.ctsed.com

- Easy to install
- 2' x 2' Reinforced steel lay-in ceiling plate
- 5 mounting points for easy alignment
- Extension options and flush mount kit available
- Includes hold-down clips and safety cable

The **Universal Drop Ceiling Projector Mount** is an all inclusive solution that removes the hassle of traditional mounting options. With the Drop Ceiling Projector Mount, you can simply replace a standard 2' x 2' ceiling tile — no tile cutting or mess!

Quick and easy to install, this product supports projectors weighing up to 30 lbs. Cast aluminum construction provides a strong, lightweight, heat-dissipating platform that is perfectly suited for mounting almost any A-V projector in a suspended ceiling. Its unique design, array of drop extensions, and cable management allow the mount to adapt to almost any installation.

PRO Series

Universal Projector Drop-In Ceiling Mount

180° pitch & yaw, 360° rotation with lock-down

Part Numbers	AVM-PRO-DCP-UNV-202-SV *2 outlet openings, silver mount*	AVM-PRO-DCP-UNV-202-BK *2 outlet openings, black mount*	AVM-PRO-DCP-UNV-202-WH *2 outlet openings, white mount*
	AVM-PRO-DCP-UNV-303-SV *3 outlet openings, silver mount*	AVM-PRO-DCP-UNV-303-BK *3 outlet openings, black mount*	AVM-PRO-DCP-UNV-303-WH *3 outlet openings, white mount*
	AVM-PRO-DCP-UNV-404-SV *4 outlet openings, silver mount*	AVM-PRO-DCP-UNV-404-BK *4 outlet openings, black mount*	AVM-PRO-DCP-UNV-404-WH *4 outlet openings, white mount*

Pitch & Yaw	180°	**Rotation**	360°	**Mounting Arms**	3-4
Load Capacity	30 lbs (13.61 kg)	**Weight**	8.9 lbs (4.07 kg)	**Mounting Points**	5 (on plate)
Outlet Openings	2-4 NEMA standard	**Color**	**Plate:** White **Mount:** Silver, Black or White		
Materials	**Plate:** Stainless Steel **Mount:** Cast Aluminum — Strong, Lightweight, Heat Dissipating Surface				
Finish	Scratch-resistant, eco-friendly anodic electrodeposition finish using acrylic paint.				
Includes	2' x 2' Plate, Universal Mount, Safety Support Cable, Mounting Hardware, Tool Kit				

4909 Victor St. | Jacksonville, FL 32207 | Phone: 904-731-1006 | Toll Free: 877-733-1006 | Fax: 904-731-1007 | Email: info@ctsed.com

Supplementary Items

downloads

- AFX QuickStart Guide
- User's Guide (AFX-120)
- Product Brochure
- XSight HD Viewer

Recordex **AFX-120**

Portable 2D|3D Gooseneck Camera

Budget loveable, yet fully loaded with the latest tech. The AFX-120 offers 2D|3D MultiView, 30% more definition than 720HD resolution, razor sharp 10X auto focus optical zoom, IR remote control and HDMI/DVI/VGA output.

360° Photo View

Overview | **Specifications** | **Software & Extras**

Feature/Specification	AFX-120 // Portable Gooseneck
Image Sensor / Pixels	1/3" CMOS / 2.0 Mega Pixel
Zoom / Lens	10x Optical, 16x Digital (160x Total) / Glass Lens
Frame Rate	25 fps (max)
Focus & Exposure	Auto Focus & Auto Exposure
Image Effect	Mirror/Freeze/B&W/Negative/Split
Head Rotation	270 degrees/ 45 d. pivot
White Balance	Auto/Manual
Shooting Area	11.8" x 16.1" (max)
VGA/RGB Output	SXGA (1280x1024 @ 60Hz)
	WXGA (1280x720 @ 60Hz)
	XGA (1024x768 @60Hz)
Video Input Switching	VGA Passthrough Switch
RGB/VGA Passthrough	Passive & Active Passthrough
USB 2. 0 Output (Hi-Res)	USB Video Device (1280x1024)
	10x Optical Zoom 16x Digital Zoom (160x Total)
Save Images	Unlimited capture by USB 2.0
	(Video and still capture) Save up to 16 images to internal session memory.
Software	XSight HD Viewer for Windows & Mac OSX
Video Input	1 VGA Passthrough
Video Output	1 x VGA Out (SXGA 1280x1024 60Hz)
	1 x HDMI (with HDMI to DVI Adapter Cable)
	1 x C-Video
	1 x USB 2.0 (SXGA 1280x1024)
Microphone	1 x Built in Microphone
Power (brick)	DC 12V/2A (100-240v 50/60 Hz)
Light Source	LED Lamp
IR Remote & Carrying Case	Included
Microscope Adapter	Optional
Security	Kensington Security Slot
Physical Dimensions/Weight	Folded: 15.25 x 8 x 2.5 (in) Open: 7.25 x 7.7x 24 (in)
	Weight: 4.5 lbs, Shipping Weight: 10 lbs
System Requirements	Open USB 2.0 Port

	Intel Dual Core 1.6 GHz or higher
	1 GB RAM, 500 MB Free HD Space
Warranty	Five-Year Cross Ship Replacement Warranty

DC125 Ladibug™

Ultra-Portable High-Definition Visual Presenter

Lumens™
Brighter Teaching

The Lumens™ DC125 high-definition document camera is operated with only one USB cable connected to a computer. This simple connection is enough to enable interactive presentations. The DC125 has a professional image sensor that delivers vivid colors at high-definition QXGA and Full HD 1080p output resolutions with 30 frames per second. Our jointless, highly flexible gooseneck enables a 360° viewing angle and object viewing from just 1.6" (4 cm) to observe an object's finer detail. Press one button to get the perfect image quality every time. The DC125 Ladibug™ offers exclusive annotation over a live image for the best interaction, as well as one-touch video recording to record presentations saved in a variety of image formats on computer for playback. The stylish, lightweight design makes it easy to carry the DC125 anywhere quickly for creative presentations.

Key Features

- Full HD 1080p Output Resolution
- Jointless, highly flexible gooseneck
- High Speed 30fps Dynamic Image
- Hands-Free Auto Focusing
- USB Cable Only
- Plug and Play
- Unique Image Optimization
- Special Water Droplet Design
- Compatible with All Major Brands of Interactive Whiteboards
- 5 Year Unlimited Replacement Warranty

More Details

Excellent Image Quality

The DC125 is equipped with a professional image sensor that has high sensitivity when identifying brightness and contrast with low noise and vivid color reproduction. It supports high definition QXGA, Full HD 1080p, SXGA, and various signal formats for a crystal-clear image.

Smooth Dynamic Image

The frame rate is as high as 30 fps, even at Full HD 1080p output resolution, which is much higher than the 24 fps of a movie theater. Higher frame rates capture every tiny movement without delays, and even flapping insect wings can be clearly observed in greater detail.

User-Friendly Interface

All frequently used commands are integrated into buttons on the camera base for convenience like lamp on-off, image freeze, capture, and image optimization to adjust sharpness, brightness, and focus for the best image quality.

USB Cable Only, Plug & Play

Only one USB cable is needed to connect to a computer for easy operation without an external power adapter or VGA cable to provide a clear desktop. This plug and play design avoids complicated installations and is compatible with all major IWB brands.

Hands Free AF

The DC125 equipped with the most advanced intelligent image mechanism for continuous focus adjustments. The DC125 will adjust its focus automatically and quickly to ensure the best image quality without any distractions for presenters and audiences.

Video/Audio Recording

The microphone with built-in video and audio recording makes the DC125 convenient for recording training sessions, meetings, seminars, lectures with annotation, and effective playback.

Jointless Gooseneck

The innovative, jointless, flexible gooseneck design ensures smooth movement without vibration. All details of an object can be viewed at any angle.

Auto Tune

There is a single button located on the base of the DC125. With one light touch, the DC125 will correct the color, focus, and brightness automatically to achieve perfect image quality every time.

Specifications

Zoom Capacity	Mechanical Zoom : 8x, Digital Zoom : 8x
Output Resolution	XGA, SXGA, 720p, 1080p, UXGA, QXGA(2048x1536)
High Color Reproduction	ΔE*ab 8.58 (mean)
SNR	51 dB
Sharpness	MTF 1102 lines
Close-up	1.6"(4 cm)
Shooting Area	Max. 16.5" x 12.4" (420 x 315 mm) > A3
Frame Rate	30 fps
Lamp	Built-in LED on camera head
Power Supplied	USB Bus Power

USB Image Transmission	USB 2.0 (480 Mbps) high speed transmission
Video/Audio Recording	Yes, via software
Built-in Microphone	Yes
Image Capture	Single or Continuous Capture
Auto Tune	Yes, image optimization
Image Rotation	0˚, 180˚, Flip, Mirror
Anti-Theft	Kensington lock port
Free Lumens Software	Support PC Windows 8, 7, XP, Vista and Mac OSX; WIA and TWAIN interface
Optional Accessory	DC-A11 wireless module

User Interface

Lumens™
Brighter Teaching

Lumens Integration Inc.
4116 Clipper Court
Fremont, CA. 94538
Phone : 888.542.3235
Fax : 510 252 1389
http://www.MyLumens.com

Lumens Europe
Stationstraat 5
1730 Asse, Belgium
Phone : +32 (0) 2 452 76 00
Fax : +32 (0) 2 452 76 00
http://www.MyLumens.com

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Aug. 2013

CB2000 NETWORKED CONTROL PANEL

FRONT

BACK

1 **Saves time & money**
Organizes all classroom device control into a single, reliable button panel; allows remote/scheduled control of devices over the network — saving potentially thousands of dollars per year in projector bulb life alone.

Customizable & teacher-friendly
Customizable, backlit panel greatly simplifies using technology in the classroom.

2 **IR learning**
Need to control non-serial devices? The CB2000 has a built-in IR learning sensor to make configuration a snap.

3 **More control**
Controls 2 serial devices (bi-directional, 2400 to 115k Baud), numerous network devices, and an infrared device. Easily switch the IR output to GPI for even more automatic action possibilities.

Networked
Communicates over standard 10/100Mb/s networks (auto-sensing) using either TCP/IP or UDP protocols.

Puts even non-networked devices on the network
The CB2000 accepts network-based "pass through" commands — so FrontRow's Encore™, Maestro™, and Conductor™ network software can control and help you manage devices that are not directly networkable!

Immediate or scheduled actions
You can program the CB2000 to execute actions based on timed events — for example, shutting down all projectors at 8pm.

Remote update
As projectors and other controlled devices change, you can remotely update the configuration software.

Secure
The control panel can be password-protected, and network access can also be protected against unauthorized use.

4 **Easier installation**
Fits in virtually any US-standard double-gang AV box, electrical box, or surface box on a wall, lectern, or any flat surface. Just one UTP Cat 5e cable supplies power and control.

SPECIFICATIONS

Network support: 10/100Mb/s (auto sensing)
Serial Baud rate: 2400 to 115k baud
Power supply: 12VDC (via UTP Cat 5e)
Format: Single-gang, Decora®
Size (WxHxD): 5.1 x 4.4 x 12.7cm/2 x 1.75 x 5in
Weight: 102g/3.6 oz
User controls: 8 customizable buttons, optional rotary volume control

INPUTS/OUTPUTS

- RJ45 network
- RJ45 aux:
  - (2) bi-directional serial
  - (1) IR control output or general purpose input (GPI)
  - +12V input

CB2000 ACCESSORIES

Decora® compatible rotary volume control (integrated with CB2000 as CB2050)

Easier configuration
Use DHCP or static IP addressing and our pre-programmed, downloadable file for the projector you want to control. Modify these with the onboard GUI configuration software!

Broad compatibility
Works with practically any device that allows serial, IR, or network control; all FrontRow ez-Room® hardware, and the FrontRow Encore™, Maestro™, and Conductor™ network software.

CB50 VOLUME CONTROL

FRONT

BACK

1 **Decora® panel**
Can be dual-ganged with CB2000, freeing up button for other function.

2 **Rotary volume control and push button mute toggle**

3 **4-pin connector**
For bridging to the CB2000.

4 **4-pin connector**
Can also be programmed as a button trigger for GPI.

Power supply: 12VDC (via Cat 5e)
Format: Single-gang, Decora®
Size (WxHxD): 5.1 x 4.4 x 12.7cm/2 x 1.75 x 5in
Weight: 102g/3.6 oz

COSMOPOLITAN® ELECTROL®

4:3 VIDEO FORMAT DIMENSIONS

Viewing Area H x W in.	Viewing Area H x W cm	Nominal Diagonal in.	Nominal Diagonal cm	Overall Case Length in.	Overall Case Length cm
43" x 57"	109 x 145	72"	183	68"	173
50" x 67"	127 x 170	84"	213	78"	198
57" x 77"	145 x 196	96"	244	92"	234
60" x 80"	152 x 203	100"	254	92"	234
69" x 92"	175 x 234	120"	305	104"	264
87" x 116"	221 x 295	150"	381	128"	325
105" x 140"	267 x 356	180"	457	152"	386

16:9 HDTV FORMAT DIMENSIONS

Viewing Area H x W in.	Viewing Area H x W cm	Nominal Diagonal in.	Nominal Diagonal cm	Overall Case Length in.	Overall Case Length cm
45" x 80"	114 x 203	92"	234	92"	234
52" x 92"	132 x 234	106"	269	104"	264
54" x 96"	137 x 244	110"	279	108"	274
58" x 104"	147 x 264	119"	302	116"	295
65" x 116"	165 x 295	133"	338	128"	325
78" x 139"	198 x 353	159	404	152"	386

16:10 WIDE FORMAT DIMENSIONS

Viewing Area H x W in.	Viewing Area H x W cm	Nominal Diagonal in.	Nominal Diagonal cm	Overall Case Length in.	Overall Case Length cm
50" x 80"	127 x 203	94"	239	92"	234
57½" x 92"	146 x 234	109"	277	104"	264
60" x 96"	152 x 244	113"	287	108"	274
65" x 104"	165 x 264	123"	312	116"	295
69" x 110"	175 x 279	130"	330	122"	310
72½" x 116"	184 x 295	137"	348	128"	325
87" x 139"	221 x 353	164"	417	152"	386

SQUARE FORMAT DIMENSIONS

Size H x W in.	Size H x W cm	Overall Case Length in.	Overall Case Length cm
50" x 50"	127 x 127	58"	147
60" x 60"	152 x 152	68"	172
70" x 70"	178 x 178	78"	198
84" x 84"	213 x 213	92"	234
6' x 8'	183 x 244	104"	264
8' x 8'	244 x 244	104"	264
7' x 9'	213 x 274	116"	295
9' x 9'	274 x 274	116"	295
8' x 10'	244 x 305	128"	325
10' x 10'	305 x 305	128"	325
9' x 12'	274 x 366	152"	386

Wall and Ceiling Mounted Electric Screen

- Ideal for applications where a recessed installation is not desired or feasible.
- Patented in-the-roller motor mounting system for quiet operation.
- Handsome white case blends with any decor.
- An optional choice of seven veneer finishes are also available for the screen case for a warm, elegant look.

Available Screen Surfaces: Matte White, High Contrast Matte White, Video Spectra 1.5, Silver Lite 2.5, High Power® and High Contrast High Power®.

See pages 6-10 for surface descriptions.

Optional floating mounting bracket allows screen to be mounted onto wall or ceiling studs and aligned left or right.

For Ceiling Trim Kit for Cosmopolitan® Electrol® sizes up to 9' x 12', see accessories on page 64.

See page 64 for veneer choices.

Built-in control options on page 14. Additional control options on pages 62-63.

SPECIFICATION SHEET

GET CONNECTED

TruLink® Audio Amplifier

- Powerful – features 40 watts of power for maximum sound dispersion
- Energy efficient – shuts down automatically when not in use and turns itself back on in an instant
- Cost effective – designed for tight budgets
- Safe – meets all UL, FCC and Plenum requirements in addition to Over Voltage, Temperature and Short Circuit Protection features
- Flexible – two audio inputs with separate volume controls enable the volume to be tuned to the specific classroom environment
- Compact & easy to install – weighing just one pound, the plenum rated unit can be easily mounted out of sight in ceilings or in other equipment – eliminating the risk of theft or damage
- Extremely compatible – works with existing classroom equipment and integrates seamlessly with PCs, DVD players, microphones and other A/V devices

Specifications: TruLink® Audio Amplifier

Specifications:

Class:	Class D
Total Output Power:	40W
Output Power (THD 1%):	13W per channel
THD+N (at 10W power output):	0.3% per channel
Efficiency:	>90%
Frequency Response:	150Hz to 20KHz
Signal to Noise Ratio:	>85dB
Input Impedance (unbalanced):	~10 Kohms

Input Connectors:

1 x 8 Pin Terminal Block:	4 pins for 2 speakers, 2 pins for power input, 2 pins for power output
1 pair RCA (left/right):	Red for right and White for left - White also accepts Mono input
1 x 3.5mm Stereo Port:	Stereo input
Volume Controls:	Independent controls to Input Channels
LED Indicators:	Input Power (Red LED) Output Power (Green LED)

Components:

Enclosure Material:	MS sheet metal Powder coated finish - Black

Power Information:

Auto Shutdown:	Shuts down 5 minutes after no input signal detected
Max Operating Current:	~2000 mA
Current Draw In Shutdown Mode:	30 mA
Power Supply:	24V DC, 2.0A

Environmental Information:

Cooling:	Natural
Storage Temperature:	-65° - 100°C
Operating Temperature:	-25° - 85°C

Physical Characteristics:

Dimensions (HxWxD):	34.0 x 118.0 x 127.0mm
Weight:	454 g/1.0 lbs
Package Type:	Box
Certifications:	RoHS, FCC, UL, Plenum Rated
Warranty:	1 Year

SD-V296

DVD/VCR Combo Player

LEADING THE WAY IN
HOME ENTERTAINMENT
INNOVATION

TOSHIBA

Leading Innovation >>>

SD-V296 DVD/VCR Combo Player

Fitting more entertainment value into less shelf space just got easier. With a DVD/VCR combo player, you get the connectivity and features without the clutter.

ADVANTAGE

Combines the picture and sound advantages of a **progressive scan DVD player** with the convenient recording[1, 2] and playback options of a **video cassette recorder** - all in one slim chassis.

One Touch Recording for the VCR provides a simple and convenient way to make a recording. Simply connect your DVD/VCR to your cable or satellite box and then to your monitor/TV and you are set to record a tape with the push of one button!

ColorStream Pro® Progressive Scan Component Video Outputs compatible with today's finest analog and digital televisions for delivery of stunningly colorful images.

Simultaneous DVD playback and VHS Record for watching a DVD while recording a TV program.

JPEG Viewer[3] enables a user to display digital photographs on a television set in the JPEG digital format.

SD-V296 Specifications

PLAYABLE DISC TYPES

	DVD-Video/DVD-R/DVD RW/CD/CD-R/CD-RW/VCD

DVD VIDEO

Video D/A Converter	108MHz/14-Bit
Component Video Output	ColorStream Pro®
Progressive Scan	•
JPEG Viewer	•
Digital Picture Zoom	•
Fast Scan	•
Slow Motion	•
Multi-Camera Angle Select	•
Multi-Language Select	•
Multi-Subtitle Select	•

DVD AUDIO

Audio D/A Converter	192kHz/24-Bit
Dolby® Digital/DTS® Compatible	•
3D Surround Sound	•

DVD CONVENIENCE

Parental Lock	•

VCR VIDEO

Video Heads	4
Record Speeds	SP/SLP (EP)
SQPB	•

VCR AUDIO

Hi-Fi VHS Stereo	•

VCR CONVENIENCE

Commercial Skip	•
OSD Language	English/French/Spanish
Remote Control	DVD/VCR Remote
Hi-speed Rewind	•

TERMINALS

ColorStream Pro® Component	•
Video Outputs	1 rear - DVD only
S-Video Out	1 rear - DVD only
RCA-Video Out	1 rear - both
RCA-Video In	1 front & 1 rear
L-R Audio Out	1 rear
L-R Audio Inputs	1 front & 1 rear
Coaxial Digital Audio Output	1 (DVD only)

PRODUCT & PACKAGING

Unit Dimensions (WHD) in.	17.13 x 3.7 x 9.17
Carton Dimensions	21.22 x 7.17 x 13.46
Unit Weight	5.94 lbs
Carton Weight	7.7 lbs
UPC Code	022265001844

[1]External tuner source required to record television programming

[2]This product is not made or sold for unauthorized use of copyrighted works, and it is only intended for recording and playback of authorized content and any other lawful use.

[3]Some DVD-R/DVD-RW and CD-R/CD-RW discs may be incompatible due to laser pick up and disc design. CD-R/CD-RW discs must be recorded using CD-DA method for CD audio playback. The DVD player may not support some MP3/WMA/JPEG/DivX recordings due to differences in recording formats, disc structure, or condition of the disc (use of CD-RW for MP3 files is not recommended). See owner's manual for more information.

http://www.tacp.toshiba.com Customer Solutions: 800 631 3811
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Product design and specifications subject to change or modification without notice

support

Home Audio ■ Speakers ■ In Wall - Ceiling

SP8CII

SP8CII

Where to buy

Two-Way, 8" (200mm) In-Ceiling Loudspeaker

This two-way in-ceiling loudspeaker delivers powerful, clear JBL sound in a space-saving package. The titanium-laminate cone woofer with rubber surround delivers tight bass for extended listening sessions. Included are integrated dog-ear brackets for retrofit applications. Optional snap-together rough-in frames (RIF8C) are available separately for new construction.

TechSpecs Support

Specifications Close

Description	In-Ceiling Speaker
Series	SoundPoint
Frequency Response (-10dB)	32Hz – 20kHz
Max. Recommended Amplifier Power	100 Watts
Sensitivity (2.83V/1m)	89dB
Nominal Impedance	8 Ohms
Network Type	Straight-Line Signal Path™ (SSP)
Woofer	200mm (8") Titanium-laminate cone with rubber surround
Tweeter	25mm (1") Titanium-laminate dome with swivel mount
External Dimensions (W x H)	Diameter: 275mm (10-7/8")
Mounting Cutout Size (W x H)	Diameter: 240mm (9-1/2")
Mounting Depth	108mm (4-1/4")
Weight per Speaker	2.5kg/5.6 lb
Features	Paintable frames and grilles. Easy-to-install integrated dog-ear brackets.

SP8CII

SP8CII

Where to buy

Pure Resonance® Audio SD4 Lay-In 2x2 Drop Ceiling Speaker

Schools, Government, Military, Contractors
We offer educational and institutional consideration
and quantity pricing.
[redacted]

Product Code: SD4

Add to cart

Add to Wish List

Larger Photo | Email a Friend

Description **Technical Specs**

- System Type - Array - Omni Directional Ceiling Speaker
- Power Handling - 160-watts
- Frequency Response - 35 Hz - 20 kHz
- Sensitivity - 92dB (half space)
- Impedance - 8 Ohms with 70volt transformer-(Built-in)
- Woofers - Aluminum
- 70 Volt Transformer Taps - 4W, 8W, 16W, 32, 64 Watts
- Dispersion - 180 x 360 Degrees (hemispherical)
- Driver Complement - Array of four full-range 6.5"-inch drivers
- Dimensions (W x H x D) - 23.75 x 23.75 x 5.75 (inches)
- Net Weight - 25 lbs.
- Shipping Dimensions (W x H x D) 28 x 28 x 9.25 (inches)
- Shipping Weight - 32 Lbs.
- Warranty - 1 Year Parts and Labor

Specifications

USB audio system for SMART Board® 600 and 800 series interactive whiteboards

Model SBA

Size (one speaker)	5 1/8" W × 24" H × 4" D (13 cm × 61 cm × 10.2 cm)
Weight (both speakers)	12 lb. 7 oz. (5.6 kg)
With brackets added	14 lb. 3 oz. (6.4 kg)
Shipping size	12 3/4" W × 8" H × 26 1/2" D (32.4 cm × 20.3 cm × 67.3 cm)
Shipping weight	19 lb. (8.6 kg)

Standard features

Mounting brackets	Attach the speakers directly to a SMART Board® interactive whiteboard or wall-mount them.
Color	Two-tone gray (approximates PANTONE® Charcoal Gray 18-0601 TPX) and Ultrasonic Chrome (approximates metallic PANTONE 877 C)

Extraordinary made simple™ | SMART™

Volume A large volume dial is conveniently located on the front of the right (active) speaker so you can adjust the volume of the sound.

Connectivity Use the USB 2.0 receptacles on the front of the right (active) speaker to connect a USB drive or USB peripherals. Use the dual RCA receptacles on the bottom of the right (active) speaker to connect a projector or external audio sources, such as a VCR or DVD/Blu-ray™ player.

Use SMART's Cat 5 USB extender or up to three active SMART USB extension cables to connect the speaker system to a computer (go to smarttech.com/accessones).

Use an audio cable from the back of your 800 series interactive whiteboard pen tray to connect to the receptacles on the bottom of the right speaker.

NOTES

- Some computers don't support audio over USB. Instead of the USB connection, you can connect an audio cable from the computer to the dual RCA receptacles on the bottom of the right (active) speaker.
- You can use a USB cable to connect the speakers to the host computer.

Frequency range 50 Hz to 20 kHz ± 6 dB

Output The audio system provides a comfortable listening volume in rooms up to 1,000 sq. ft. (93 sq. m) in size, with a 30-person capacity (subject to room acoustics).

Maximum output 14 W RMS when both channels are driven simultaneously. Maximum output is achieved when no other USB devices are attached to the USB hub on the audio system (not including the SMART Board interactive whiteboard).

Optimal output 10 W RMS when both channels are driven simultaneously. Optimal output represents audio levels when up to two other low- or high-powered USB devices are interfaced with the USB hub on the USB audio system.

Connection panel (right speaker) Polarized Molex® connector with 25' (7.6 m) of 16 AWG wire with sufficient slack to discreetly route wire behind the interactive whiteboard or along the floor

Power Powered barrel connector (15V DC, 4A)

USB A Connects to your interactive whiteboard

USB B Connects to your computer

Dual RCA Connects to your projector or an external audio source such as a VCR or DVD/Blu-ray player

USB device support The speaker contains a powered USB 2.0 hub.

Power requirements Switching power supply (100V–240V AC, 50 Hz–60 Hz, 1.5A) and a 6' (1.8 m) country specific power cord (15V DC, 4000 mA, 60 VA, positive tip)

Environmental compliance	China EIP, EU RoHS, EU-WEEE
Regulatory certifications	CE, CSA/UL
Warranty	One-year limited equipment warranty

Operating specifications

41°F to 95°F (5°C to 35°C) with up to 80% humidity, non-condensing

CAUTION

If the speakers are very cold, allow them to warm to room temperature before operation.

Installation options

Attach the USB audio system directly to your interactive whiteboard or mount the speaker brackets on the wall at least 1 3/4" (45 mm) away from the interactive whiteboard.

NOTES

- Refer to the documentation for the SMART product you want to attach to the speakers for important information about integrating audio devices.
- Don't mount the speakers directly on an interactive whiteboard installed on a Height-Adjustable Wall Mount (HAWM). You must install the speakers on the wall in a manner that doesn't interfere with the HAWM's movement.
- For information about using a Cat 5 USB extender between the USB audio system and your computer, refer to the specification sheets for those products.
- The maximum permitted length of passive USB cable between USB devices or hubs is 16' (5 m). Exceeding this length makes USB communications unstable.

SMART order number

SBA	USB audio system for SMART Board 600 and 800 series interactive whiteboards

Optional accessories

For information on accessories for your USB audio system, see smarttech.com/accessories.

Physical dimensions

Front view **Right side view** **Bottom view (active speaker)**

smarttech.com/support
smarttech.com/contactsupport

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PRO DIGITAL 940R RECEIVER/AMPLIFIER

FRONT

BACK

1 One-Touch operation
Teachers need only turn on the mic to start teaching. The receiver automatically wakes up from its energy-saving sleep mode and goes to sleep when the mic is turned off.

2 Talk without dropout
Built-in sensor with advanced optics ensure consistent signal pick-up

3 Feedback suppression
The ADAPTO light reassures you it is automatically suppressing feedback – before it starts

4 Two channels for more dynamic teaching
Encourage student participation with a pass-around mic; or amplify two teachers at the same time

5 Easy audio control
Quickly and easily adjust the volume level of streaming audio and video content, CDs and MP3 files

6 Optimize speech clarity
OPTIVOICE, FrontRow's patented technology, is specially designed to emphasize critical speech sounds, so kids comprehend even more

7 Power jack

8 Easy recharging
Up to two transmitters can be charged directly from the receiver

9 External sensor ports
Get great signal pickup in almost any classroom with convenient ceilings or wall sensors

10 Simple speaker hook-up
Color-coded stereo push terminals make speaker connection quick and easy

11 Auxiliary output and volume control
Connect to computer to record all audio content for podcasting, or connect personal FM systems for the hearing impaired

12 Complete tech integration
Easily connect a computer or other technology to integrate true stereo audio into lessons

SPECIFICATIONS

Transmission type: Infrared

Receiving frequency: 2.3MHz & 2.8MHz

Frequency response: 50Hz to 20kHz

Signal-to-noise: >65dB (system)

THD: <1% @ 1kHz into 8Ω

Maximum audio output power: 2 x 10w (8Ω), 2 x 20w (4Ω)

Power supply: 19VDC at 3.16A

Size (wxhxd): 21.5 x 4.75 x 19cm/8.5 x 1.75 x 7.5in

Weight: .94kg/2.11lbs

Operating range: 18.5m/60ft line-of-sight (typical)

Reception area: 139m²/1500ft² (typical) with ceiling sensor

USER CONTROLS

- Power
- Microphone A volume
- Microphone B volume
- Two auxiliary audio volume
- OPTIVOICE™

INPUTS/OUTPUTS

- Input power jack
- 1.3mm mic charge jack
- 3 RCA jacks for external sensor connection
- 4 quick-connect speaker terminals
- RCA aux out jack
- 2 RCA stereo aux in jacks (with stereo sound output)

940R ACCESSORIES

receiver power supply

AC power cord (for power supply)

transmitter charge cord aux-out cord

Aux-in cord

receiver wall mount

950H PASS-AROUND MICROPHONE AND DROP-IN CHARGER

950H MICROPHONE

1 **Fits kids' small hands**
Less than 15cm/6in tall, this durable kid-sized mic is much easier for students to use

2 **Comfortable hands-free option**
Easy, comfortable lavaliere clip makes reading in front of class simple and lets the 950H double as a very lightweight teacher mic

3 **3-way indicator light**

4 **On/off switch**

5 **Smart charge security**
SmartCharge technology protects against charging incompatible batteries. Alkaline batteries may be used in an emergency, but the microphone will only charge the "silver-sleeve", auto-sensing battery that comes with your microphone

6 **A/B channel and mic gain selectors**
(inside battery compartment)

7 **Name plate**

8 **Optional charge input jack**

9 **Portable audio interface**
A 3.5mm auxiliary input jack lets you use the transmitter/microphone to transmit audio from any secondary source, such as a TV, DVD, CD, computer, or MP3 player

950C CHARGER

10 **Energy efficient drop-in charging**
Charges both the 940TM and 950H microphones neatly and securely. Powered by an ENERGY STAR® qualified battery charger.

11 **3-way charging indicator lights**

SPECIFICATIONS

Transmission type: infrared
Transmitting frequency: 2.3MHz & 2.8MHz (switchable)
Battery type: single AA, 2300mAH rechargeable NiMH
Battery life: minimum 5 hours
Operating range: 12.2m/40ft, line of sight (typical)
Size (wxhxd) (mic): 3.5 x 14.6 x 2.8 cm/1.4 x 5.7 x 1.1 in
Weight (mic): 74g/2.6oz (with battery)

USER CONTROLS (MIC)

- On/off
- Channel A/B
- Mic gain – 3 settings

INPUTS/OUTPUTS (MIC)

- 3.5mm aux input, stereo summing
- 1.3mm DC charge jack

950H ACCESSORIES

SmartCharge NiMH rechargeable battery

charger power supply

lavaliere clip

940TM TRANSMITTER/MICROPHONE

1 **Totally wireless**
Combination transmitter/microphone design eliminates the need for any cords

2 **Amazing sound quality**
Patented dual-mic system ensures natural sound quality

3 **Maximum comfort**
Efficient single-cell battery design is 25-40% lighter than competitor models

4 **A/B channel selector**
Conveniently switch between microphone channels

5 **Portable audio interface**
A 3.5mm auxiliary input jack lets you use the transmitter/microphone to transmit audio from any secondary source, such as a TV, DVD, CD, computer, or MP3 player

6 **Audio mute switch**
A convenient mute switch allows for private conversations

7 **Auxiliary microphone input**
For teachers who prefer boom mics

8 **smart charge security**
SmartCharge technology protects against charging incompatible batteries. Alkaline batteries may be used in an emergency, but the microphone will only charge the "silver-sleeve", auto-sensing battery that comes with your microphone.

9 **4-way indicator light**

10 **On/off switch**

SPECIFICATIONS

Transmission type: Infrared
Transmitting frequency: 2.3MHz & 2.8MHz (switchable)
Frequency response: 100Hz – 6kHz
Microphones: dual uni-directional cardioid
Battery life: minimum 8 hours
Battery type: single AA, 2300mAH rechargeable NiMH
Operating range: 18.5m/60ft line-of-sight (typical)
Size (wxhxd): 11 x 6 x 2.5 cm/4.5 x 2.5 x 0.9 in
Weight: 85g/3.0oz (with battery)

USER CONTROLS

- On/off
- mute
- channel A/B

INPUTS/OUTPUTS

- 2.5mm mic input
- 3.5mm aux input
- 1.3mm DC charge jack

940TM ACCESSORIES

SmartCharge NiMH rechargeable battery

aux-in cable

boom mic

IR SPEAKER

1 **Integrated sensor**
Provides extremely robust IR coverage throughout the classroom

2 **Two 4" woofers, one 1" tweeter**
Each cluster gives full range sound quality and twice the coverage of a single speaker

3 **Cut installation time in half**
Install only two IR speakers per classroom – same coverage as four speakers and two sensors with half the labor

SPEAKER SPECIFICATIONS

Speaker type: Two 10cm/4in woofers; 2.5cm/1in tweeter
Impedance: 4Ω nominal
Continuous power: 20W
Peak power: 30W
Frequency response: 150Hz to 20kHz
Dimensions (wxhxd): 355x130x230mm/14x5x9in
Weight: 3.4kg/7.5lbs
Mounting: Wall mounting brackets provided
Combo cable incorporates:
Speaker wire: 18 AWG 2 conductor UL listed CL3P Plenum-rated
Sensor wire: 15.25m/50ft RG58/u coaxial cable CL3P shielded, UL listed Plenum rated jacket available

SENSOR SPECIFICATIONS

Operating frequency: 2.3MHz & 2.8MHz
Operating range: 18.5m/60ft line-of-sight (typical)
Signal/Power interface: RCA female jack
Number of IR photodiodes: 3
Power indicator LED: Green
Reception area: 139m²/1500ft² (typical with receiver sensors)

DISTRIBUTED CEILING SPEAKER (REQUIRES SEPARATE SENSORS)

- Full range for faithful reproduction of voice and music
- Great sound coverage
- Separate back enclosure, designed for plenum spaces, prevents sound from traveling to other classrooms
- Mounts flush with ceiling for neat installation

SPECIFICATIONS

Speaker type: coaxial: 10cm/6.5in woofer, 2.5cm/1in tweeter
Impedance: 8Ω nominal
Continuous power: 30W
Peak power: 45W
Frequency response: 60Hz to 20kHz
Dimensions (Dia x d): 21.7 x 7 cm/8.5 x 2.75 in
Weight: 1.1kg/2.5lbs
Mounting: Metal tile bridge, steel back enclosure, built for Plenum spaces
Speaker wire: 18 AWG 2 conductor UL listed CL3P Plenum-rated

SENSORS (NOT NEEDED WITH IR SPEAKER)

CEILING SENSOR

- Easy-to-install bracket allows quick and easy installation
- LED power indicator lets you know when unit is connected properly
- 360 degree 'full-sweep' signal coverage helps prevent signal dropout

SPECIFICATIONS

Operating frequency: 2.3MHz & 2.8MHz
Operating range: 18.5m/60ft line-of-sight (typical)
Signal/Power interface: RCA-female jack, 8" lead
Number of IR photodiodes: 6
Power indicator LED: Green
Reception area: 139m²/1500ft² (typical with receiver sensors)
Dimensions (Dia x h): 13.5 x 3.3 cm/5.1 x 1.3 in
Weight: 224g/7.9oz (with bracket)
Mounting: Drop ceiling acoustic tile or sheetrock ceiling
Sensor wire: 15.25m/50ft RG59/u coaxial cable CL2P double shielded, UL listed Plenum rated jacket available

WALL SENSOR

- Easy-to-install bracket allows proper angling for optimum room coverage
- LED power indicator lets you know when unit is connected properly
- Great for covering rooms with high ceilings, hanging student art, projector mounts, or other challenging obstructions
- Corner-compatible mounting bracket

SPECIFICATIONS

Operating frequency: 2.3MHz & 2.8MHz
Operating range: 18.5m/60ft line-of-sight (typical)
Signal/Power interface: RCA-female jack
Number of IR photodiodes: 3
Power indicator LED: Green
Reception area: 139m²/1500ft² (with 2 wall sensors)
Dimensions (wxhxd): 7.5 x 3.9 x 6.0 cm/2.9 x 1.5 x 2.4 in
Weight: 80g/2.5oz
Mounting: Wall mount bracket provided
Sensor wire: Two 15.25m/50ft RG59/u coaxial cables CL2P double shielded, UL listed Plenum rated jacket available

downloads

- QuickStart Guide
- Product Brochure
- iMMPad AS Software

iMMPad SE

interactive MultiMedia Wireless Pad

The power to present from the palm of your hand! Wireless Control Of Your Computer, Whiteboard, and Camera. Annotate, markup, draw, and zoom with ease and precision!

view larger image

iMMPad SE+ with RM Easiteach click here.

Overview | **Specifications** | **Software & Extras**

Model	**iMMPad SE**
Input Technology	2.4 Ghz RF (30' Range)
Active Area	6" x 3.7"
Resolution	2000 lines per inch
Report Rate	160 points per second
Pen Pressure	1024 levels
Quick Buttons	15 hot spots: Play/Pause, Stop, Skip Fwd., Skip Rev., Desktop, My Computer, Browser, Enter, Zoom In, Zoom Out, Mute on/off, Volume up/down, Back, Forward, Scroll Up/Down.
Battery Type	NiMH AA Rechargeable x 2
Battery Capacity	1300 mA
Battery Charge Life	40+ Hours Continuous Use
Receiver Type	USB RF Receiver Dongle
OS Support	Windows 2000/XP/Vista/7 MAC OS X
Dimensions: Setup	9.5" W x 8" H x .75" D
Weight	0.8 pounds
Pen Battery	1 x AAA Alkaline Battery
Pen Dimensions	5.5" Long, 0.54" Diameter
Warranty	One Year Replacement Warranty
System Requirements	800Mhz Intel (or compatible) Processor, Available USB 2.0 Port ,1GB System Memory, Microsoft Windows® 2000/XP/Vista, MAC OSX 10.4+

Included in Box

Box includes: 1 tablet, 1 pen, replacement pen stylus tips, 1 pen tweezer (for removing tips), 1 manual, 1 Windows installation CD, 1 USB Receiver Dongle, 1 USB Power Cable, 2 AA NiMH Rechargeable Batteries, 1 Battery Charger, 1 AAA-Battery (for pen).