



**AMAZING** AV EXPERIENCES  
LEGRANDAV.COM

**legrand®** | AV





## AMAZING AV EXPERIENCES



Chief focuses on commercial AV flat panel and projector mounts. Home Theater, Workspace and Custom Display Solutions are also part of the Chief product offering. Known in the industry for high quality mounts with both Custom and Universal options, as well as an extensive accessories line, Chief is focused on professional installers worldwide.



For over 100 years, Da-Lite has been designing, manufacturing and marketing the most comprehensive line of projection screens in the world. Today, we offer our widest selection ever of proprietary projection screen surfaces and materials in our history.



Middle Atlantic offers innovative system enclosures, tech-enabled furniture, power products and Wiremold cable management solutions for complete and unmatched AV system support and protection.



Projecta is Europe's leading manufacturer of high quality projection screens. We design, develop and build an extensive range of projection screens in the largest projection screen manufacturing facility in Europe, located in Weert, the Netherlands. Founded in 1952, we have over 65 years of experience, and over time we have grown to become your trusted source for projection screen solutions.



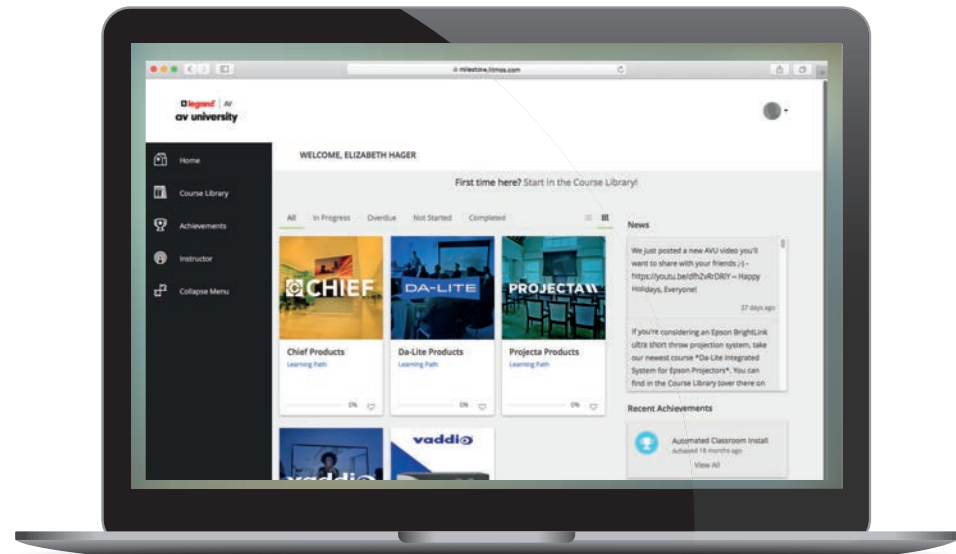
Vaddio manufactures professional quality PTZ cameras, Pro AV solutions, a full suite of Unified Communication and Collaboration systems, and offers Luxul and C2G connectivity solutions as well. Combining enterprise class performance and industry leading support, Vaddio products enhance any AV experience by elevating the science of communication with The Art of Easy.

Legrand is the global specialist in electrical and digital building infrastructures. Its comprehensive offering of solutions for commercial, industrial and residential markets makes it a benchmark for customers worldwide. In the AV space, Legrand | AV offers an extended portfolio of branded audiovisual products including flat panel mounting solutions, projector mounts, projection screens, equipment racks, PTZ cameras and furniture for Commercial AV markets. Its innovative products are sold under the Chief, Da-Lite, Middle Atlantic, Projecta and Vaddio brand names. All brands work together to provide a breadth of product, strength of longevity, and advantage of superior customer service and support.





# **legrand®** | AV **av university**



## ONLINE TRAINING COURSES

AV University is home to Chief, Da-Lite, Middle Atlantic, Projecta and Vaddio training courses. All courses are free and many offer CTS Renewal Unit credits. Our wide variety of course options include product certifications, installation tips & tricks, how-to-videos, application specifics, general industry knowledge and much more. The program allows you to pick and choose your courses to help you create exceptional AV experiences every day. You can learn on your own time, at your own pace. To register for courses go to [www.legrandav.com/training](http://www.legrandav.com/training)



## AMAZING **BOARDROOM EXPERIENCES**

Support dynamic meetings to bring business to the next level.





1

**LPD1U**  
Large Fusion Dynamic Height  
Adjustable Mobile Cart



2

**CMS440**  
Above Tile Suspended  
Ceiling Kit with RMAU



7

**Tensioned  
DescenderPro**  
Next Generation Ceiling Recessed  
Projection Screen



3

**C3 Series Credenza**  
Low-profile AV credenza



6

**RoboSHOT 12 HDBT**  
HDBT PTZ Camera



4

**RoboSHOT IW**  
In-Wall Clear Glass  
PTZ Camera



5

**Cisco Solutions**



## AMAZING **CLASSROOM EXPERIENCES**

Create active learning spaces to match modern learning methods.





1

**XFD1U**

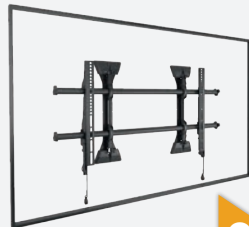
Electric Height Adjust Floor Support Mount



2

**CMS440**

Above Tile Suspended Ceiling Kit with RPMAU



3

**LSM1U**

Fusion Fixed Wall Mount



8

**FullVision**

Borderless Fixed Frame Projection Screen



4

**RFR Series**

Reference Mobile Furniture Rack



5

**RoboTRAK**

Presenter Tracking System



6

**DocCAM**

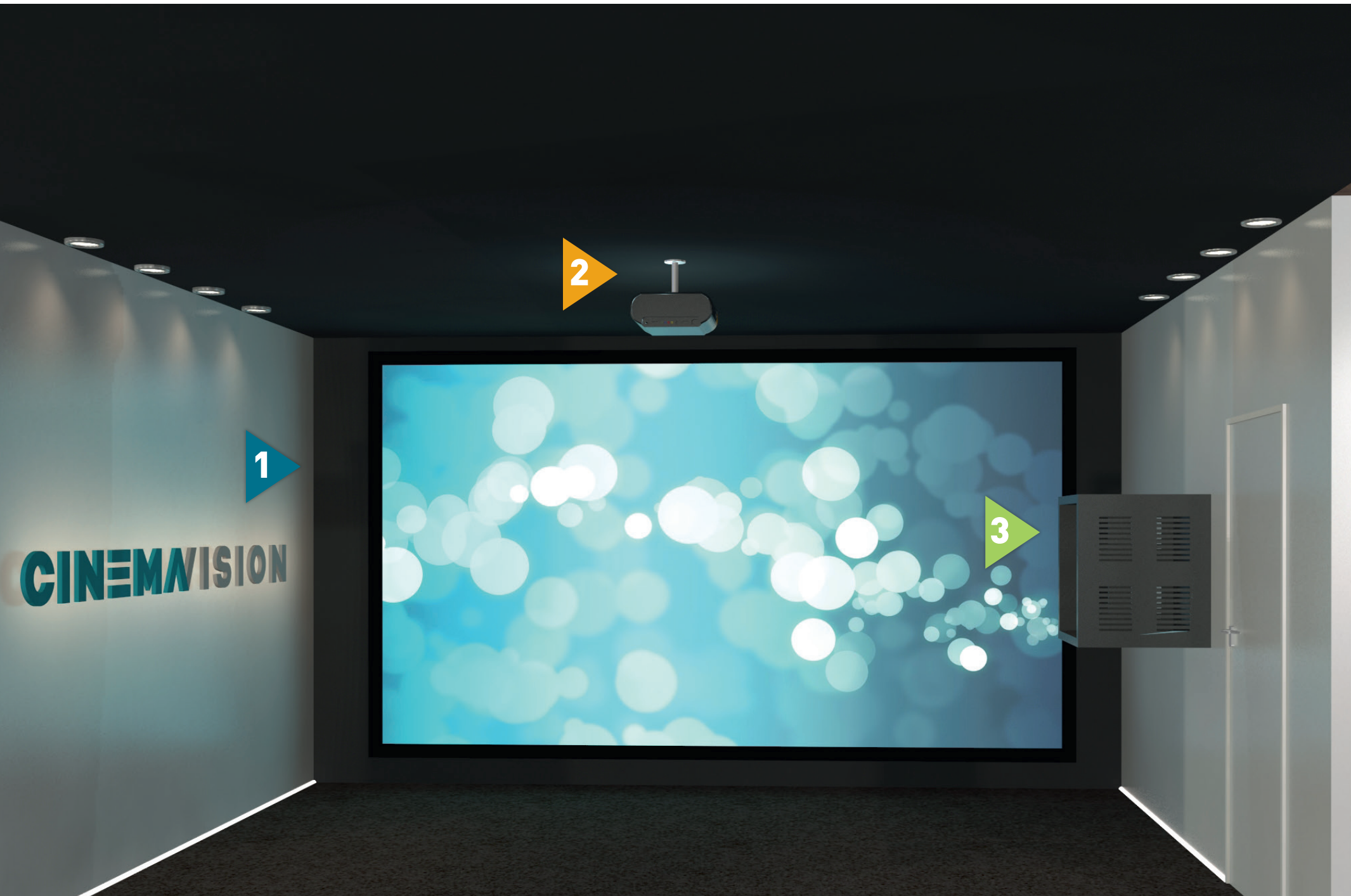
HD In-ceiling Document Camera



7

**AutoVIEW**

IR Sensor Kit



AMAZING **THEATER EXPERIENCES**

Create immersive theater experiences  
for family and friends.





2

**CMS440**  
Above Tile Suspended  
Ceiling Kit with RMAU



3

**DWR Series**  
Pivoting, sectional  
wall cabinet



1

**HomeScreen  
Deluxe**  
HD Progressive  
1.1 Contrast



## AMAZING **MEETING ROOM EXPERIENCES**

Break meetings out of the box  
with AV for the meeting room.



 **CHIEF**



**4** **CSPH**  
Under Table  
Component Storage



**3** **LDS1U**  
Large Fusion  
Table Stand

**vaddio**



**1** **RoboSHOT 12 USB**  
HD PTZ camera with  
USB 3.0 streaming



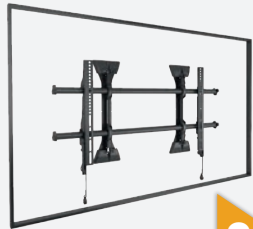
**2** **EasyTALK Sound Bar**  
Sound bar for use with  
the EasyUSB Mixer/Amp



## AMAZING **HUDDLE SPACE EXPERIENCES**

Experience the interactive collaboration that you can create for the huddle space.





2

**LSM1U**  
Fusion Fixed  
Wall Mount



3

**Component Storage**  
Sliding mounting plate



4

**UTB Series Universal  
TechBox™**  
Low-Profile Height-Adjustable  
Surface Mount Rack



1

**HuddleSHOT**  
All-in-One Camera with  
Integrated Audio



## Impact™ Series Wall-Mounted Kiosks

The Impact™ Wall-Mounted Kiosk brings a new level of flexibility to the digital signage enclosure market, while maintaining a sleek aesthetic to complement a variety of environments. A depth-adjustable exterior frame keeps the installation under 4" (102 mm) for displays up to 2.75" (70 mm) deep. Reversible hinges help to avoid installation and service obstructions, and our exclusive design keeps the display mounted to the frame when opened, providing unparalleled service and maintenance access. Integrated engagement latches can be secured with tamperproof hardware to protect equipment. Multiple storage options can be added to mount components in-wall and/or on-wall.

Mounting Patterns: 200 x 200 mm, 300 x 300 mm, 400 x 400 mm, 600 x 400, 600 x 600

Weight Capacity, 46-55" Displays: 100 lbs (45.4 kg)

Weight Capacity, 55-75" Displays: 175 lbs (79.4 kg)

Depth Range: 3-5" (76 – 127 mm)

Finish Options: Black, White





## Bolt-Down Display Mount

This single-column display mount provides a slim, bolt-down solution for permanent applications that require a small footprint. Ideal for storefronts and other retail environments. Single SKU supports portrait and landscape orientations, with options available for single and back-to-back configurations.

### PFB1UB – SINGLE-SIDED BOLT-DOWN PFB2UB – BACK-TO-BACK BOLT-DOWN

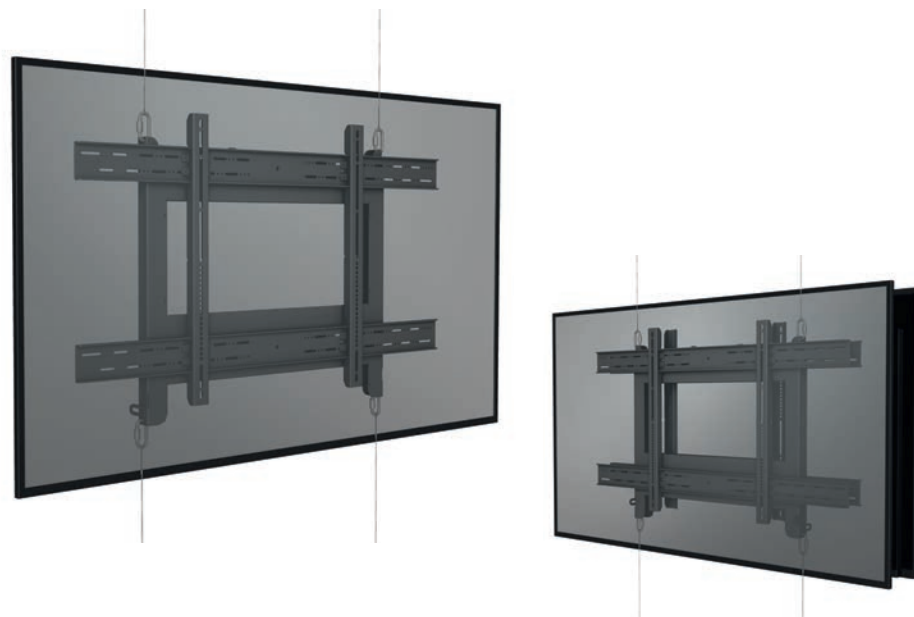
Center of Display to Floor Range: 51.38 – 85.38" (131 – 217 cm)

Weight Capacity: 150 lbs (68 kg)

Tilt: +/-15°

Footprint: 8 x 8" (203 x 203 mm)

Mounting Patterns: 200 x 200 – 860 x 515 mm



## Floor-to-Ceiling Cable Mount

Ideal for retail and quick service restaurants, Chief's floor-to-ceiling cable mount is a sleek solution that maximizes aesthetics while minimizing footprint.

The FCS1U supports both portrait and landscape orientations in a single SKU, with the option to retrofit a second, back-to-back display with the PACFCB accessory. The mount supports large displays with a high weight capacity and allows perfect placement with post-installation pitch alignment.

### FCS1U FLOOR-TO-CEILING CABLE MOUNT PACFCB BACK-TO-BACK ACCESSORY

Weight Capacity: 125 lbs (56.7 kg)

Mounting Pattern: 200 x 200 – 860 x 515 mm



## TiLED™ LED Video Wall Mounting System

We've taken the installation benefits you know and love from Chief and adapted to support LED displays.

The TiLED mounting system supports an endless variety of video wall configurations, is easy to specify and easy to install. Mix and match any of three mounts for a specific series to form seamless video walls. As a standard solution set, TiLED is stock-able and ready to ship when you need it – no custom lead times.

**ABSEN® ACCLAIM™ SERIES: TIL1X2AA, TIL1X3AA, TIL1X4AA**

Depth Range with Display: 3.63-4.63" [92-118 mm]

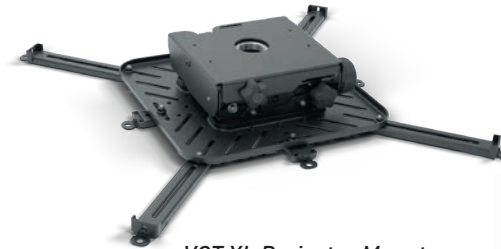
**SAMSUNG® IFH SERIES: TIL1X1IF, TIL1X2IF, TIL1X3IF**

Depth Range with Display: 3.46-4.46" [88-114 mm]

**UNILUMIN® UPANELS™ SERIES: TIL1X2UU, TIL1X3UU, TIL1X4UU**

Depth Range with Display: 3.85-4.85" [98-123 mm]





*VCT XL Projector Mount*



*CMA348 Large Venue Vibration Isolating Coupler*



*PG4A XXL Projector Guard*

## Electric Height Adjustable Mounts

Chief's line of height adjustable display mounts is expanding to include electric solutions. The new cart, floor-support and wall mounts have higher weight capacities to support larger interactive displays, and also give an option to users who may prefer an electric solution over non-motorized.

Keeping safety top of mind, the electric solutions features anti-collision technology, which immediately halts, then reverses motion upon encountering an obstruction to avoid pinching fingers, or damaging the display.

### **XPD1U – ELECTRIC CART**

### **XFD1U – ELECTRIC FLOOR SUPPORT MOUNT**

Vertical Lift: 26" (660 mm)

Weight Capacity: 310 lbs (140.6 kg)

Mounting Pattern Range: 200 x 200 – 860 - 515 mm

Leveling Adjustment: up to 1.5" (38 mm)

## Large Venue Projector Mounts

Chief is launching a new projector mount and accessories to better align, protect and enhance large venue projection installations.

### **VCT XL PROJECTOR MOUNT**

Weight Capacity: 150 lbs (68 kg)

Micro Roll / Pitch / Yaw: +/-5°, +/-20°, +/-10°

Macro Yaw: 360°

### **CMA348 LARGE VENUE VIBRATION ISOLATING COUPLER**

Weight Capacity: 35 – 100 lbs (15.87 – 45.4 kg)\*

Overall Dimensions: 6 x 23 x 23" (152 x 584 x 584 mm)

Compatibility: Chief CMS Columns (1.5" NPT)

*\*Capacity must include all components below the coupler: column, projector mount, projector, etc.*

### **PG4A XXL PROJECTOR GUARD**

Overall Dimensions: 16 x 26 x 27" (406 x 660 x 686 mm)

Telescoping Depth Range: 22-27" (559 – 686 mm)



## New ambient light rejecting lineup

For environments with uncontrolled ambient light, there's no better solution than Da-Lite and Projecta's ALR lineup. Our industry-leading surface technologies are designed to achieve optimal ambient light rejection. The result is a bright, speckle-free image without glare - no matter how much light is in the room.

### ALR SURFACE OPTIONS



#### PARALLAX 0.8

Horizontal Half Angle: 85°  
Vertical Half Angle: 17°  
Gain: 0.8

**96% ALR**

*Optimized for laser projection*



#### PARALLAX 2.3

Horizontal Half Angle: 23°  
Vertical Half Angle: 15°  
Gain: 2.3

**96% ALR**



#### PARALLAX UST 0.45

Horizontal Half Angle: 80°  
Vertical Half Angle: 55°  
Gain: 0.45

**95% ALR**

*Optimized for laser projection*



#### HD PROGRESSIVE 0.6

Half Angle: 85° Gain: 0.6

**53% ALR**

*Optimized for laser projection*



#### HD PROGRESSIVE 1.1

##### CONTRAST

Half Angle: 60° Gain: 1.1

**20% ALR**

*Optimized for laser projection*










## FullVision

A border-less screen with a modern aesthetic that blends into its environment when not in use, FullVision is a fixed frame projection screen that enables the entire surface to be used for projection. Modern and low-profile, FullVision is 16K-ready and future proof with HD Progressive and ALR (ambient light rejecting) surface options. Aesthetic forward and designed for rooms that require the AV blend into the environment when not in use and deliver the very best in projection when the projector turns on.

### 16K-READY ALR SURFACE OPTIONS

-  **HD PROGRESSIVE 0.9**  
Viewing Angle: 170° Gain: 0.9  
*Optimized for laser projection*
-  **HD PROGRESSIVE 0.9**  
Viewing Angle: 170° Gain: 0.9  
*Optimized for laser projection*
-  **HD PROGRESSIVE 1.3**  
Viewing Angle: 75° Gain: 1.3  
*Optimized for laser projection*

### 16K-READY SURFACE OPTIONS









-  **HD PROGRESSIVE 0.6**  
Viewing Angle: 85° Gain: 0.6  
**53% ALR**  
*Optimized for laser projection*
-  **HD PROGRESSIVE 1.1 CONTRAST**  
Viewing Angle: 60° Gain: 1.1  
**20% ALR**  
*Optimized for laser projection*



## DescenderPro

The DescenderPro is a ceiling recessed projection screen that combines innovative installation features with a new motorized ALR surface option in addition to the high-resolution HD Progressive materials. Now you can just click-in the entire roller that includes the motor and screen surface after installation of the case. The new case design offers a clean finish without gaps or visible screws, after attaching the bottom plate to the case. The case and screen surface assembly can be ordered separately or complete.

### TENSIONED DESCENDERPRO SURFACE OPTIONS HIGH RESOLUTION

- |  |  |   |
|--|--|---|
|  <b>HD PROGRESSIVE 0.6 *</b><br>Viewing Angle: 170° Gain: 0.6<br><b>53% ALR</b> |  <b>HD PROGRESSIVE 1.1 *</b><br>Viewing Angle: 170° Gain: 1.1             |  <b>PARALLAX 0.8 *</b><br>Viewing Angle: 85° Gain: 0.8<br><b>96% ALR</b>                 |
|  <b>HD PROGRESSIVE 0.9</b><br>Viewing Angle: 170° Gain: 0.9                     |  <b>HD PROGRESSIVE 1.3 *</b><br>Viewing Angle: 150° Gain: 1.3             |  <b>HD PROGRESSIVE 1.1 CONTRAST *</b><br>Viewing Angle: 120° Gain: 1.1<br><b>20% ALR</b> |
|  <b>DUAL VISION *</b><br>Viewing Angle: 130° Gain: 0.9                          |  <b>HD PROGRESSIVE 1.1 CONTRAST PERF</b><br>Viewing Angle: 120° Gain: 1.1 |   |

### TENSIONED DESCENDERPRO SURFACE OPTIONS STANDARD RESOLUTION

- |  |  |
|--|--|
|  <b>HD PROGRESSIVE 0.6 *</b><br>Viewing Angle: 170° Gain: 0.6<br><b>53% ALR</b> |  <b>HD PROGRESSIVE 1.1 *</b><br>Viewing Angle: 170° Gain: 1.1 |
|--|--|



## Parallax Thin

Finally. An ambient light rejecting technology worthy of Pro AV. Parallax Thin screens feature an advanced optical lens system that blocks 96% of ambient light, allowing you to project in even the brightest environments. With extremely wide viewing angles, the screen mimics the modern look of a flat panel display – but without any glare. Available sizes include 77" to 120" diagonals.

### SURFACE OPTIONS



#### PARALLAX 0.8

Horizontal Half Angle: 85°

Vertical Half Angle: 17°

Gain: 0.8

**96% ALR**

*Optimized for laser projection*



#### PARALLAX UST 0.45

Horizontal Half Angle: 80°

Vertical Half Angle: 55°

Gain: 0.45

**95% ALR**

*Optimized for laser projection*



#### PARALLAX 2.3

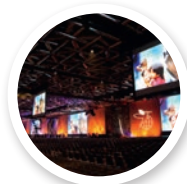
Horizontal Half Angle: 23°

Vertical Half Angle: 15°

Gain: 2.3

**96% ALR**





LARGE AUDITORIUMS  
OR THEATERS WITH  
EXISTING FRAMES



LIVE EVENTS WITH  
TRUSS-BASED  
INSTALLATIONS



MUSEUMS AND  
EXPOSITIONS



CREATIVE ART  
INSTALLATIONS  
WITH LIGHT

## EyeletPro

### LACE AND GROMMET SCREEN SURFACES IN CUSTOM SIZES

With the EyeletPro you now have the opportunity to get just the projection surface in exactly the size you need. The borders of the projection material can be finished to match your installation-needs. You can choose for an edge with non-reflective eyelets with the spacing needed up to 20 cm. The custom EyeletPro surfaces can be ordered up to a width of 11 meters wide and 4.7 meters in height. High resolution projection surfaces can now be installed in locations with large existing frames or used in truss-based event installations.



## BGR Series

The BGR Series Rack Enclosure delivers the most space efficiency and strength available, plus the latest options for installation flexibility and seamless servicing. With higher weight capacities, more usable rackspace and superior functionality of any other rack system on the market, the BGR Series is the ultimate AV rack.

- More useable height than any rack – 45RU in less overall height than most 44RU racks
  - Revolutionary, tool-free Lever Lock™ provides small device mounting and cable management without occupying a single RU
  - Lightweight design with maximum weight capacity
  - Configurable top with generous 21" wide opening and vertical cable management entry points
  - Accepts brush grommet rear door kit for a large cable passage without fishing
  - Problem-solving extender bays available
  - Designed with built-in thermal management features
-





## VWM Series

The VWM Series is the industry's highest capacity and most versatile low profile wall cabinet, with comprehensive flexibility to fit system needs today and as technology evolves. Featuring multiple planes of vertical mounting, it allows deeper equipment to be mounted parallel to the wall and is the first low profile cabinet to offer intuitive mounting for small devices.

- VWM cabinets are ideal for small to medium networking, surveillance and monitoring, distributed audio and paging systems.
- Select one of our pre-configured models or tailor a VWM cabinet to order for the specific needs of the application at [middleatlantic.com](http://middleatlantic.com).



## High Power DC Distribution

Middle Atlantic has expanded its existing multi-award winning DC Power Distribution line to include new models equipped with the highest power availability on the market! Remove unreliable, space-consuming wall warts and update your design with new DC power solutions, complete with superior current capacity and an industry-leading quantity of outputs!

- Up to 300W of power
- 5, 12, 24V distributed to as many as 24 devices
- Wide input range of 120V-230V supports both North American and European installations
- Reliable multi-level protection with individual redundancy built in to ensure maximum uptime



## **NEW! RoboSHOT 40 UHD Broadcast-Quality PTZ Camera**

The production-quality RoboSHOT® 40 UHD PTZ camera provides brilliant 4K video footage for broadcasting or live streaming. With its 1/2.5 Type Exmor R CMOS sensor, RoboSHOT 40 UHD offers more powerful image signal processing (ISP) – resulting in better light-gathering capabilities, incredible contrast and sharp 4K video, even in dim lighting conditions. It delivers 40x zoom, genlock capabilities, silky-smooth pan-tilt-zoom motion and outstanding image quality – all at a surprisingly competitive price.

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## RoboSHOT® IW Clear Glass PTZ Camera

Introducing the RoboSHOT IW (In-Wall) Clear Glass PTZ Camera. Its aesthetically-pleasing design blends perfectly into high-end video conferencing rooms. Ideal for capturing conversations or video conferencing in corporate board rooms, law offices, courtrooms, medical institutions – or any room settings where interior design is a consideration.

- 10x optical zoom – 73° horizontal field of view
- Compliant with Americans with Disabilities Act (ADA)
- HDBaseT – one cable for simplified installations
- Equipped with tempered safety glass for high traffic areas



## AV Bridge Mini HD Audio/Video Encoder

The AV Bridge Mini includes all your favorite features of Vaddio's AV Bridge and AV Bridge Conference, plus significant updates – all in an easy-to install, half-rack size. With AV Bridge Mini, you can bridge any high-definition HDMI and audio source into applications such as Skype for Business, Zoom and WebEx through its powerful USB 3.0 interface. Creating production-quality live streams has never been easier with the AV Bridge Mini's RTMP capabilities.

- HDMI input accepts 4k (2160p/30) signals and encodes and scales appropriately
- Outputs simultaneous USB 3.0 and IP streaming with up to 1080p quality
- Integrates with external DSPs by providing two balanced audio line inputs and output
- PoE powered – easily extends power and connectivity





## NEW! HuddleSHOT

The HuddleSHOT™ All-in-One Fixed Camera with integrated audio is Vaddio's newest solution optimized for huddle spaces. This USB conferencing product offers great performance, modern aesthetics and built-in IP management. HuddleSHOT provides high definition 1080p/60 resolution for a superior, professional image – and its ultra-wide 120° horizontal FOV gets everyone in the picture.

- Two 10W speaker drivers optimized for full-bodied stereo
- Two integrated microphones pick up participant voices from up to 3.65 m away
- Browser-based user interface makes it easy to manage many HuddleSHOT cameras across multiple sites for easy enterprise deployments
- A versatile mount lets you install HuddleSHOT on a table, wall or cart



## RoboSHOT Elite Series

### Professional PTZ Cameras

Get ready for Vaddio's next generation of professional cameras – the RoboSHOT® Elite Series. Designed with an 1/2.5 Type Exmor R CMOS sensor, RoboSHOT Elite cameras deliver striking, high-definition video image quality, plus more powerful image signal processing (ISP) – resulting in better light-gathering capabilities, incredible contrast and sharp 1080p/60 video, even in dim areas. Its advanced IntelliZoom™ Image Processing Technology (select models) lets you zoom greater distances without compromising image resolution.

- PoE+ powered
- 70.2° FOV, 8.5 MP, 12x & 30x zoom
- RTSP and RTMP streaming (RTMP on select models)
- Tri-Synchronous Motion technology for ultra-smooth, natural camera motion
- Available in five models: HDBT, HDMI, USB, SDI and CAT5 (Quick-Connect)
- Also available as bundles with OneLINK extension systems



## ConferenceSHOT™ FX Fixed Camera

Perfect for small conference rooms and huddle spaces, the extra-wide field of view on this fixed video conferencing camera allows everyone around a table to be clearly visible.

ConferenceSHOT FX is an enterprise-level video collaboration camera that plugs into a USB port and simply works with major UCC soft-clients. No drivers, no configuration – just easy plug and play functionality with all major UCC soft clients such as Skype for Business, WebEx, Google Hangouts and Zoom.

- 3x optical zoom
- 88° horizontal field of view
- 1080p/60 uncompressed video over USB 3.0
- Network manageable



## DocCAM 20 HDBT In-Ceiling Document Camera

If you're looking for an overhead video camera with high-definition image quality, the Vaddio DocCAM™ is the perfect choice.

The DocCAM 20 HDBT is a high-definition, recessed in-ceiling document camera with 20x optical zoom, 1080p/60fps resolution and a 59.5° horizontal field of view to capture more of the table. Equipped with a OneLINK HDBaseT port, the DocCAM easily connects to Vaddio's OneLINK extension systems or other HDBaseT compatible devices to simplify cabling installation and extend video, power, control and network up to 100 m.



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