



## **Technology Solutions for Education**

*Technology and education are linked together. The influx of technology means the classroom must change as well. Technology requires power, network, audio and video connections. It also requires new and costly equipment that must be installed, maintained and protected from tampering and theft while maintaining ease of use. These requirements present challenges to current and future classrooms.*

*FSR provides solutions to address these challenges. We have listened to consultants, resellers, technology advocates and campus managers to develop solutions that meet the needs of the school in terms of functionality, aesthetics and budget.*

*Our solutions are meant to inspire and provide a framework on which to build a technology strategy for your campus.*

# Infrastructure Solutions for

## Ceiling Boxes

Ceiling Boxes are enclosures that mount above a drop ceiling to house audio, video and network equipment. They are available in 3 sizes to accommodate a wide variety of equipment needs. Equipment mounted in a Ceiling Box is protected but still accessible.

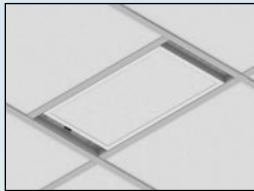
Ceiling Boxes are available with an optional pole mount adapter for projectors or other displays.

### Ceiling Boxes with pre-wired Modular Linx System

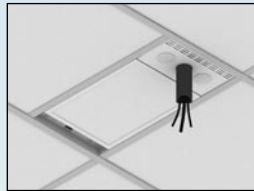
With the MLS pre-wired ceiling boxes, the electrical contractor can install and power the MLS starter cable at any time during the initial construction phase. The CB-MLS eliminates coordinating return visits to the site to connect AC to the ceiling box after the AV contractor completes hanging the unit.

### Ceiling Enclosures for PoE Lighting Nodes

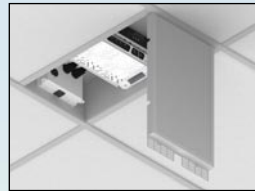
The CB-12-PTF ceiling enclosure ensures the safety of the PoE nodes from the start. PoE lighting has changed the way we plan and execute IoT installations. The CB-12-PTF can be mounted in any location, installed in a hard deck ceiling, using a CB-SR12 mounting kit, and holds 12 Platformatics Nodes.



CB-12 closed



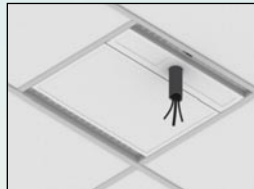
CB-12 closed with pole



CB-12 open



CB-22 closed



CB-22 closed with pole



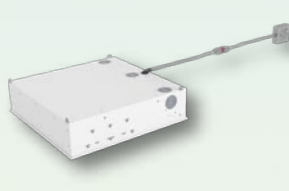
CB-22 open



CB-224 closed



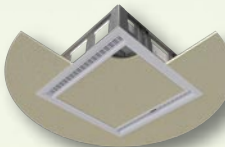
CB-224 open with pole



CB + MLS Series



CB-12-PTF-RD



Shown with  
CB-SR22.  
Patent  
9,966,752

### CB-SR12/22

Mount our popular ceiling boxes in a drywall ceiling using the "FRAME". The CB-12 and CB-22 drywall mounting frames are expressly designed to easily mount FSR's 2'x2' (CB-22) and 1'x2' (CB-12) Ceiling Enclosures.

## Symphony Pedestal

This floor standing unit gives you AC power, USB charging, snap-ins, cable pass-through and any other type of connectivity that you may require. Perfect for under a desk or waiting area applications.



## Wireless Charger

The TC-WC1 fuses a refined minimalism with wireless charging technology. Easy to install, for charging capabilities at your fingertips. The wireless charger is available in black or white with an aluminum bezel.



## Next Generation Digital Ribbon Cable

FSR's Next Generation Digital Ribbon Cables utilize a proprietary technology to allow high speed, high definition HDMI® signal transmission over distances of up to 328 ft. The cable is fitted with a discreet black jacket that allows the cable to blend in after installation. The hybrid fiber/copper cables deliver a speed video bandwidth, can easily handle up to 4k 60Hz 4:4:4 H pressed HDMI® video, and are ARC compatible.

### DR-C3.1-xxM USB Type-C

The hybrid fiber/copper cables deliver a speed of 10Gbps without signal loss or delay and support the 900 mA USB current limit. The cables can support the connection between camera, hard drive, PC, or laptop.

## Smart-Way Raceway

The dual purpose Smart-Way installs in-floor and on-floor. The raceway ships with two pairs of edging, allowing for either on- or in-floor installation with no additional parts. In-floor edging allows installation in any flooring .21"-.38" (carpet, wood, tile, or laminate). Raceway compartments provide ample space for power, communications and A/V connectivity. Smart-Way is 0.6" high, ADA compliant, available in slate gray or aluminum finishes, and is sold in 6' sections.



# Every Area of the Campus



of 18 Gb/sec  
DR uncom-  
  
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B 3.1 default  
ween a USB-C®



## HuddleVU Kits

FSR's new HuddleVU Collaboration Kits take the work out of designing elaborate systems. With three different pre-packaged systems, integrators can choose the appropriate configuration for their customer's needs with kits accommodating from two to four users. Each kit comes complete with all the necessary hardware, including an FSR Harmony table box available in a choice of aluminum or black finishes, a switcher and all required cables finished with color coded end rings to designate proper cable to switching connections. HuddleVU Kits can also be upgraded with optional retractors.



### DUAL DIGITAL KIT

CT6 Table Box + DV-HSW-21CEC  
2 x 1 HDMI Switcher and Cable Kit

### DUAL LEGACY KIT

CT6 Table Box + DV-MFSW-21A/GEC  
2 x 1 HDMI Switcher and Cable Kit

### QUAD UNIVERSAL KIT

CT6 Table Box + DV-HDSS-41-Tx  
4 x 1 Scaling Switcher and Cable Kit

### QUAD DIGITAL KIT

CT6 Table Box + DV-T6SS4K-41A  
4x1 Presentation Scaling Switcher and Cable Kit

## Tangle-Free Cable Management is here at last!

FSR's cable retractors offer convenience as well as cable storage and protection, hiding unsightly cables when not in use. The cables can be quickly deployed by the user and extend up to four feet. A simple pull and release of the extended cable is all that is needed to return the cable to the reel. Retractors can be mounted in a horizontal position under a table surface to maximize space.



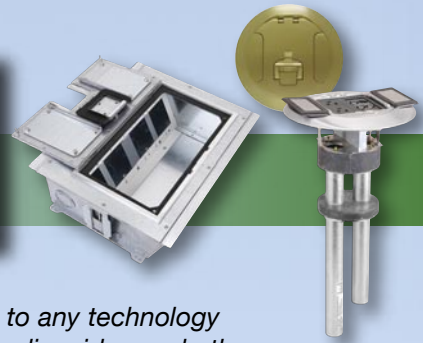
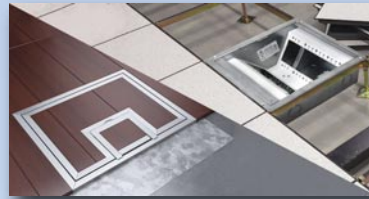
## Control Systems that Save you Money

Flex is a budget friendly touch screen control system.

Flex can control lighting, shades and drapes, projection screens, the source being displayed, audio volume and much more. Flex can automatically perform functions such as turning off projectors, displays and lighting when not in use. This saves you money on utilities, projector lamps and maintenance. iPad IOS7, Android and Window Phone 8 apps are available to control your room on mobile devices.



# Infrastructure Products to Better Equip Your Campus



## Floor Boxes

Floor boxes are a critical piece to any technology equipped room. Power, data, audio, video and other signals need to get from their source, to their destination. Running these cables across floors creates trip hazards, reduces the life expectancy of the cable and is unsightly.

Floor boxes solve these problems. They provide a clean and neat installation, free of trip hazards and unattractive cables. Floor boxes also allow the furniture to be moved for special occasions. Close the cover on the floor box and the furniture can be moved and reconfigured for open meeting spaces.

FSR's floor box covers are physically and visually unobtrusive giving the room a finished and elegant appearance.



## IPS PLATES AND CONNECTORS

A system of wall plates and connector inserts made of aircraft aluminum and steel. The IPS plates are extremely rugged and are provided with free standard labeling.

They also are easy to reconfigure as the needs of the classroom change. IPS plates and inserts carry a lifetime warranty.



## HDBaseT Extender Solutions

HDBaseT technology allows economical retrofits, upgrades and simplified installation by using inexpensive CAT-x cabling. Wallplate style models are also available and offer VGA/HDMI® switching on one of the models. These true HDBaseT 5-Play units transmit uncompressed full HD digital HDMI® video, audio and IR & RS-232 control signals up to 100 meters via a single CAT-x cable. Input resolutions currently supported are; 1080p Full HD, 3D, Deep color, HDMI-CEC, HDCP and most newer hi-res formats.

Detailed information and specs are available on the FSR website.



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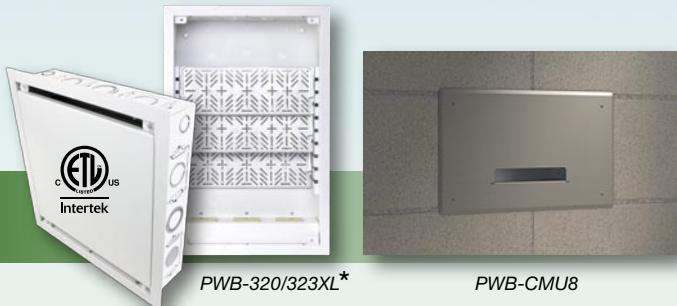
LIT1338K



## Table Connectivity

Every portable device runs out of power. Table boxes bring power and data connectivity directly to the desk-top, eliminating power cords running across the floor.

Our Harmony, Unity and Symphony Table Box collections bring everything to the table that you could possibly need. Bringing elegant form to function, these boxes feature AC outlets, AV connections, space for both high and low voltage, and can be custom configured. With multiple cover, color and shape options available the possibilities are endless.



PWB-320/323

## Project Wall Boxes

The Project Wall Box family has expanded with two boxes the PWB-320/323. Need more space...we also offer the PWB-320XL/323XL options. Both size options are designed to fit 16" on center stud bays and simplify audiovisual and IT installations by providing space for routing cables, AC connections, and digital media product mounted in 4" thick walls.

The PWB-CMU8 is the first dedicated flat panel project box engineered for installation in 8" block walls. The all-metal CMU8 is designed to replace the front portion of one block and, with the optional paintable cover, provides an attractive surface with no visible jagged block edges. The box has two opposing 2-gang device boxes inside, providing space for power and low voltage devices, including most receivers.

The Adopted Trademarks HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries. \*Shown with optional equipment installed.