



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.

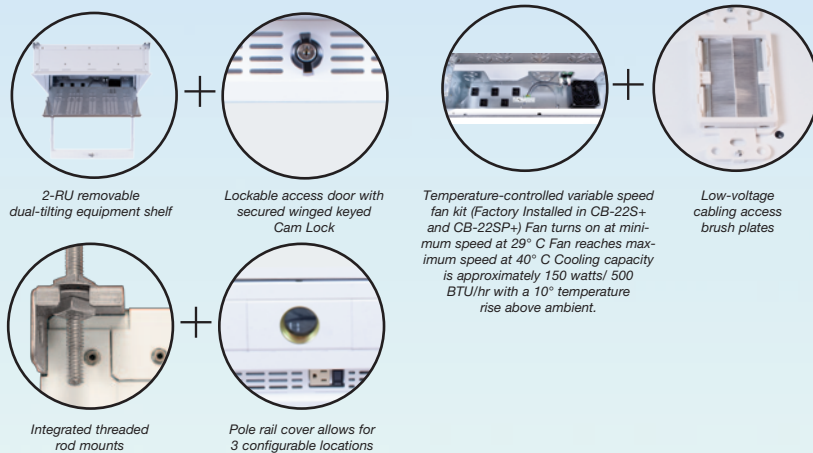


FSR products meet the Build
America Buy America Act (BABAA)
and TAA requirements

Ed Tech Solutions for Every Area of the Campus

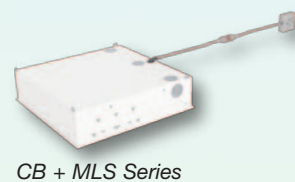
Ceiling Boxes

Our newly upgraded Ceiling Box enclosures mount above a drop ceiling to house audio, video and network equipment. They now have integrated threaded rod mounts for easy installation, saving you money. A lockable cover access door protects equipment while making access easy. A larger removable dual tilt mounting shelf allows a more efficient and time-saving installation, and low-voltage access plate with brushes protect cables exiting the box. Projector pole mount load rating increased to 100 lbs. The CB-22S+ and CB-22SP+ are "Smart Enclosures" that feature built-in projector state auto-sense, that turns off unused receptacles when the projector is turned off, eliminating parasitic power consumption. Also included are two monitored unswitched outlets, one on the surface of the ceiling for projector power. The main switch/ circuit breaker and four switched AC outlets are spaced to allow room for power adapters.



Ceiling Boxes with pre-wired Modular Linx System

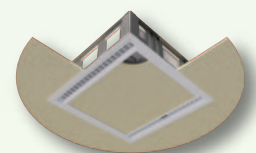
With the MLS pre-wired ceiling boxes, the electrical contractor can install and power the MLS starter cable at any time during the initial construction phase. The CB-MLS eliminates coordinating return visits to the site to connect AC to the ceiling box after the AV contractor completes hanging the unit.



CB + MLS Series



CB-12-PTF



Shown with CB-22-SR Kit. Patent 9,966,752

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.

DRYWALL FRAME & CEILING BOX KIT

You need our frame kit if you want to mount our ceiling boxes in a drywall ceiling. Our CB-22 and CB-12 ceiling boxes and SR drywall frames are now available as a kit. This kit can be used anywhere you need to mount equipment in a drywall ceiling or where you are mounting a projector or display in the ceiling.

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 of 18 Gb/sec video bandwidth, can easily handle up to 4k 60Hz 4:4:4 HDR uncompressed HDMI® video, and are ARC compatible.



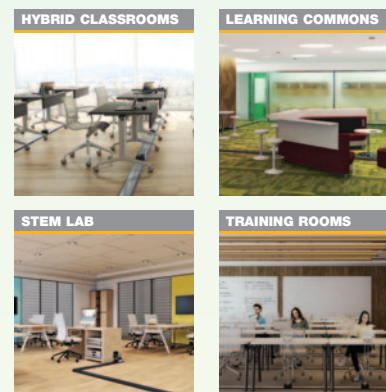
DR-C3.1-xxM USB Type-C

The hybrid fiber/copper cables deliver a speed of 10Gbps data transfer without signal loss or delay and support the 900 mA USB 3.1 default current limit. The cables can support the connection between a USB-C® camera, hard drive, PC, or laptop.



Smart-Way Floor Raceway

Transform your classroom into a tech-savvy haven with the Smart-Way Floor Raceway. This sleek and discreet floor solution allows easy cable management, ensuring a clutter-free learning space. Say goodbye to tripping hazards and hello to a more productive and safer learning environment. Our raceway system is simple to configure, ADA-compliant, and adds architectural appeal to any classroom. The Smart-Way is intended for digitally focused classrooms, collaborative zones, esports arenas, maker spaces, and more.



Touchscreen Covers

Surface & Flush Mount Locking Wall Covers

NEW

Our Surface and Flush Mount Locking Wall Covers provide secure, tamper-resistant protection for 7" and 10" touch panels without compromising visibility. Each flush mount model includes a built-in 2-gang back box, while both styles feature a clear acrylic window and locking metal enclosure to prevent accidental contact or interference. The surface-mount version is ideal for retrofits or areas with limited in-wall access, offering a clean, functional solution. The low-profile flush design blends into the wall, and a 180° hinge allows the door to open fully for easy access and maintenance.



Outdoor units and surface mount for concrete walls coming soon.



Conference Room Cable Retractor

NEW

Transform your collaboration space with clean table wire management. This compact solution eliminates messy cables stretched across your meeting table by neatly housing HDMI or USB-C connections that can be quickly deployed up to 6 feet when needed. Available in two convenient sizes, 7" x 7" and 7" x 10", the retractor integrates seamlessly into your MTR or any collaboration space, keeping your space clutter-free. The Cable Pilot table retractor sets the standard for connectivity in Microsoft Teams Rooms®.



Available in USB-C or HDMI options and 7" x 7" or 7" x 10" sizes. PATENT PENDING

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



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.



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 WB-CMU-6G continues our line of solutions for block walls. This is a divisible six-gang wall box for masonry wall construction and is easily reconfigurable after installation. The WB-CMU-6G gives you peace of mind, knowing that if your initially installed devices become outdated, you can still update them without impacting the established infrastructure. It can separate high- and low-voltage compartments, and gang plates can be configured in different electrical plate configuration combinations. Perfect for gymnasiums, auditoriums, college football stadiums, or any masonry application in an educational facility.



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.



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. The HD-H1504K-SP is an 18Gbps HDMI extender set that allows HDMI, RS-232, and bi-directional IR signals to be extended to a distance of up to 492 ft/150 meters between the transmitter and receiver via a single CAT cable. Detailed information and specs are available on the FSR website.



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