

EPIC Campus Bridge

Spec Sheet



The Audio Enhancement® **EPIC Campus Bridge** is a drop-in replacement for a school's existing paging, intercom, and bell system. It connects directly to current speakers and wiring, eliminating the need for a costly rip-and-replace. Paging, intercom, and notifications are initiated from the EPIC Kiosk, and the EPIC Campus Bridge supports phased migration to Audio Enhancement's ecosystem. When a legacy system fails, it's the quickest, most cost-effective way to restore functionality campus-wide, opening the door to the EPIC (Education Paging & Intercom Communications) System® in schools that were previously out of reach.



Front View



Back View

- Ethernet Connection
- (2) EXT USB Ports
- Reset Button
- 2-way Terminal Block Connector for 24 V DC Power Input

Specifications

EP-0117, EPIC Campus Bridge	
Processor/Memory	PAM404 Processor Module; Quad-Core ARM Cortex-A7; 512 MB DDR3 SDRAM; 16 MB SPI Flash
Power Requirements	24 V DC input via 2-way terminal block; 4 A current rating; 30 W maximum power consumption. External power supply is included
Network Interface	10/100 Mbps auto-sensing Ethernet; RJ-45 with Link/Activity LED; IPv4/IPv6 support
USB Interfaces	(2) USB 2.0 Type-A ports
User Interface	Web-based configuration; 16 multicolor LED status indicators; reset/factory defaults button
Display	LCD displays IP address, MAC address, and firmware version
Call Station Interfaces	(16) 4-pin Phoenix connectors. Each station supports the following connections: 25/70 V audio line, common, dry contact input for future functionality, and ground for future functionality
Speaker Out Paging	25/70 V constant-voltage paging output; 30 W maximum output power
Speaker Out Intercom	2.5 W intercom power output
Warranty	3-year warranty
Operating Temperature	32–122 °F / 0–50 °C
Humidity	0–70% relative humidity, non-condensing
Storage Conditions	-4–158 °F / -20–70 °C; 0–70% relative humidity, non-condensing
Dimensions	Metal enclosure; designed for rack-mount installation; 1.75 (H) x 19 (W) x 9 (D) in (44.45 (H) x 482.6 (W) x 228.6 (D) mm); 1 in (25.4 mm) left and right rack-mounting ears
Weight	8.4 lbs (3.8 kg)