

HDMI & DVI Boards Now Shipping!

Active HDCP Status Reporting automatically reads and reports HDCP authentication for all connected sources

Automatically manages color depth, down-converting Deep Color sources only for outputs that don't support 12-bit

All Extron DVI Pro and HDMI matrix boards are HDMI 1.3 compatible and HDCP compliant



Automatic cable equalization for each input to 50 feet (15 meters) at 1920x1200 when used with Extron Pro Series cables

Output reclocking restores signal amplitude and timing, ensuring eye pattern integrity on every output

EDID Minder® ensures continuous communication between sources and displays

SMX 300 Frame shown with available SMX 84 HDMI and SMX 84 DVI Pro matrix boards

Extron SMX Digital Matrix Switcher Boards

Intelligent Technologies for Digital System Integration

Digital signal technologies are now very much a part of commercial A/V system designs. Integrators working with digital signals face three primary challenges – maintaining signal integrity throughout the system, ensuring compatibility between devices, and working with content protection schemes such as HDCP. The new HDMI and DVI Pro matrix boards for the Extron SMX System MultiMatrix are engineered with the intelligent technologies you need to succeed and thrive in the digital era.

HDCP Status Reporting and Compliance Checking

actively reads and reports HDCP status for all connected sources. Non-compliant displays are sent a green signal, providing visual indication that the signal path is intact and protected content cannot be displayed.

EDID Minder® automatically manages EDID communication between the display and input source, ensuring that digital sources power up properly and maintain their video output.

Input equalization compensates for weak source signals or signal loss due to long or poor quality cables. SMX DVI Pro and HDMI matrix boards can equalize cables up to 50 feet at 1920x1200 and 1080p @ 60 Hz.

Output reclocking restores signal amplitude, timing, and clock rate, resulting in a signal that's equal to or better than the original.

Key Features:

- HDCP compliant and HDMI 1.3 compatible
- Supports computer-video to 1920x1200, HDTV to 1080p/60
- Audio breakaway
- Provides +5 VDC, 250 mA power on each output for external peripheral devices
- Hot-swappable matrix boards can be installed or replaced in 3 easy steps
- Single point of control for up to 10 separate switchers in a single SMX enclosure
- Available with or without redundant power supplies



Extron Electronics
INTERFACING, SWITCHING AND CONTROL

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