

8x8 & 16x16 4K UHD Modular Matrix Switch

Features

- 20Gbps Per Port Backplane
- Advanced EDID Management
- Advanced HDCP Handling
- Remote diagnostics
- 5" Front Panel Touch Control
- Integrated Web Server Control
- PoH+ for HDBaseT Ports
- Units configurable 1-channel per card
- Break-away Audio Switching
- HDMI Input / Output Cards (Output Cards w/Audio De-embedding & Auto DVI Detect)
- HDBaseT CAT Input / Output Cards (Powers remote Tx/Rx units & passes RS-232, IR and Ethernet)
- Control Expansion ports
- LAN & RS-232 Control



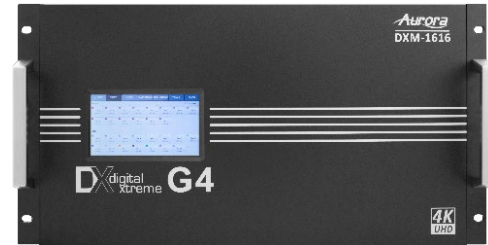
The 4th Generation Digital Xtreme Series is a 4K UHD modular matrix switch, card based chassis/frame, with a full complement of multimedia input and output cards. I/O cards have 1 channel per card and are available with HDMI®, HDBaseT, and SDI interfaces. The DXM-G4 series accommodates every need, providing crystal clear digital clarity at its best and is designed for 'ease of service' with front-chassis access to the power supply and other system boards. Input and Output cards can be 'hot swapped', allowing full serviceability while powered.

Control of the DXM-G4 and connected devices is available through an integrated 5" touch screen, web server, RS-232, and LAN. The system also provides advanced EDID, HDCP, and data handling capabilities.

To stand out from the competition, the DXM-G4 series has audio break-away switching, audio de-embedding on all input and output channels, integrated PoH+/Ethernet switch for HDBaseT, and works with any web browser based device. The DXM-G4 is truly the most advanced modular matrix switch on the market today.

Technical Specifications

Model Name	DXM Series Card Chassis
Technical	
HDBT1 Distance	230ft 70m – 1080p 60Hz 36bit CAT 6a/7 230ft 70m – 1080p 60Hz 24bit CAT 5e/6/6a/7 197ft 60m – 1080p 36bit CAT 5e/6 131ft 40m – 1080p 60Hz 48bit CAT 6a/7 131ft 40m – 4k2k 30Hz CAT 6a/7 115ft 35m – 1080p 60Hz 48bit CAT 5e/6 115ft 35m – 4k2k 30Hz CAT 5e/6 CAT 5e/6 will achieve 197ft 60m for pixel clock <=225MHz CAT 5e/6 will achieve 115ft 35m for pixel clock >225MHz CAT 6a/7 will achieve 230ft 70m for pixel clock <=225MHz CAT 6a/7 will achieve 131ft 40m for pixel clock >225MHz
HDBT2 Distance	328ft 100m – 1080p 60Hz 24 & 36bit CAT 5e/6/6a/7 328ft 100m – 1080p 60Hz 48bit CAT 6a/7 328ft 100m – 4k2k 30Hz CAT 6a/7 230ft 70m – 1080p 60Hz 48bit CAT 5e/6/6a/7 230ft 70m – 4k2k 30Hz CAT 5e/6/6a/7 500ft 152m - 1080p 60Hz 24bit (Long Reach Mode) CAT 6 600ft 183m - 1080p 60Hz 24bit (Long Reach Mode) CAT 6A CAT 5e/6 will achieve 328ft 100m for pixel clock <=225MHz CAT 5e/6 will achieve 230ft 70m for pixel clock >225MHz CAT 6a/7 will achieve 328ft 100m for pixel clock >225MHz
RS-232 Baud Rate	Max 115kbps
LAN Speed	1 - 10/100
LAN Connectors	8P8C RJ-45
RS-232 Connector	DB-9 Female
Power Connector	IEC
Mechanical	
Housing	Black Aluminum enclosure
Dimensions	-88: 4RU 17.4" x 11" x 5.4" (442 x 279 x 137mm) -1616: 6RU 17.32" x 13.78" x 9.57" (440 x 350 x 243mm)
Weight (Empty Chassis)	DXM-88: 15.2 lbs (6.9kg) DXM-1616: 12.1 lbs (26.7kg)
Mounting	19" Rack Mounting
Power supply	-88-G3 85V-265V 50-60Hz 55W (no cards), 280 Watts Max -1616-G3 90V-265V 50-60Hz 60W (no cards), 520 Watts Max
Operation temperature	0~40°C [32~104°F]
Storage temperature	-20~60°C [-4~140°F]
Relative humidity	20~90% RH [no condensation]



DXM-1616-G4 Front



DXM-1616-G4 Rear



DXM-884-G4 Front



DXM-884-G4 Rear

Input / Output Card Options:

- DXCI-1-HDMI-G4 (1 port HDMI® input card)
- DXCI-1-HDBT1-G4 (1 port HDBaseT input card)
- DXCI-1-HDBT2-G4 (1 port HDBaseT input card)
- DXCI-1-SDI-G4 (1 port SDI input card)
- DXCO-1-HDMI-G4 (1 port HDMI® output card)
- DXCO-1-HDBT1-G4 (1 port HDBaseT output card)
- DXCO-1-HDBT2-G4 (1 port HDBaseT output card)
- DXCO-1-SDI-S-G4 (1 port SDI output card)
- DXC-BLANK-G4 (DXM G4 series blank panels)

Note: Specifications subject to change without notice.