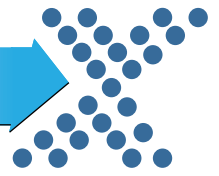


DMX302x-4U Hybrid Presentation Matrix

All-in-One Solution for 4K60 RGB and YUV 4:4:4, 4:2:2 signals



- ✓ Integrated video processor, scaling matrix, routing matrix sections
- ✓ Modular chassis to serve 4x4 to 32x16 configurations
- ✓ Hierarchically assigned operators and rights
- ✓ 4K60 RGB or YUV 4:4:4, 4:2:2 signal handling



System Characteristics

The DMX302x-4U as all-in-one box provides scaling matrix, routing matrix and video processor services in a single box for stable 4K60 4:4:4 visualization in complex AV projects. The DMX302x-4U modular box handles different industry standard signals up to 4K60 in RGB or YUV 4:4:4, 4:2:2 or 4:2:0 color spaces. This device offers all-in-one matrix services as signal scaling, seamless switch, fade effects, picture-in-picture display, OSD and audio handling. The services fulfill a demanding AV project so no other external devices are needed. The live preview option of multiple signals give you total overview of the full infrastructure managed by operators. The world class DMX302x-4U modular devices are built up using 32x16 chassis.

They process 4-32 input and 4-16 output signals. The setup and operation can be managed through a web-based GUI that is platform independent so serves browsers in Windows, Android, iOS or Linux environments. By simple drag-and-drop operations customers can initiate fantastic video services, manage matrix switching, drive video walls manage audio embedding and video independent, internal audio matrix.

- attractive video effects
- PIP
- real time display
- integrated HDCP handling
- intelligent EDID management

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Main Features

Input Boards

- HDMI 4K60 input board 4-ch



- HDMI 4K60 input board 8-ch



- HDBaseT 4K input board



- Universal input board



- SDI input board



- Composite video board



Output Boards

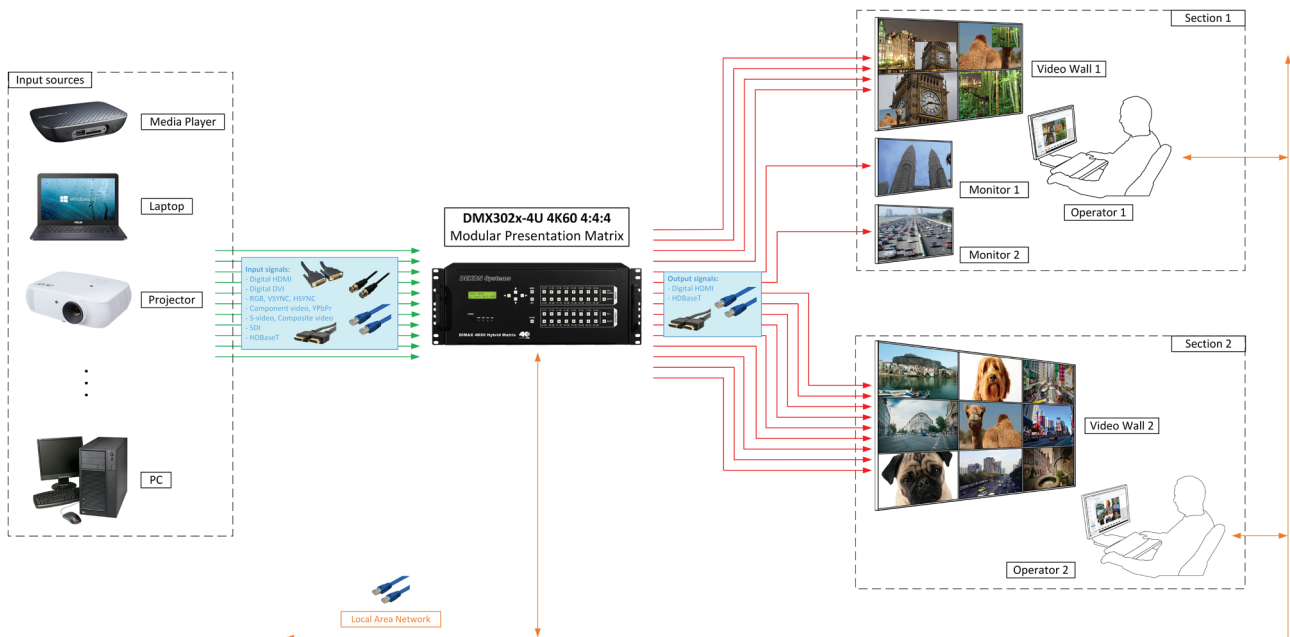
- HDMI 4K60 output board



- HDBaseT 4K output board



Application



Input Signal Specification

- **Digital HDMI**
HDMI 2.0 and HDCP 2.2 specifications
640x480 to 4096x2160 60Hz RGB format
640x480 to 4K60 YUV 4:4:4, 4:2:2, 4:2:0
- **Digital DVI**
DVI 1.0
from 640x480 to 1920x1200
- **RGB, VSYNC, HSYNC**
from 640x480 to 1920x1200
- **Component video, YPbPr**
576i, 576p, 480i, 480p, 720p, 1080i, 1080p
- **S-video, Composite video**
PAL, NTSC, SECAM
- **SDI**
3GSDI, HD-SDI, SDI
- **HDBaseT**
up to 100m (330 feet)
from 640x480 to 4096x2160 30Hz

Output Signal Specification

- **Digital HDMI**
HDMI 2.0 and HDCP 2.2 specifications
640x480 to 4096x2160 60Hz RGB format
640x480 to 4K60 YUV 4:4:4, 4:2:2
- **HDBaseT**
from 640x480 to 4096x2160 30Hz

General

- LCD, push button front panel control
- RS-232 and TCP/IP remote control
- Optional redundant power supply
- 19" rack-mountable enclosure