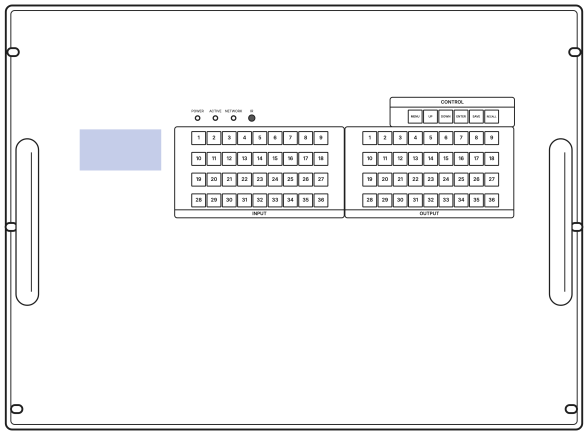
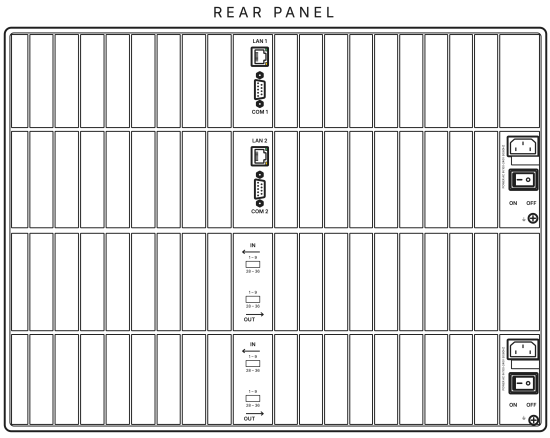
ZT-MC36

ZT-127 | Zenty Modular Matrix Chassis 36x36

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ZT-MC36 • Front PAnel



ZT-MC36 • Rear PAnel

Product Description:

Zenty modular matrix switchers offer advance access and real-time control of multiple local and remove A/V input devices and displays from a single chassis. Users can independently switch and route video and/or audio content directly to various monitors, displays, and projectors simply by pressing front panel push buttons. Zenty's modular matrix chassis are easily expandable and accommodate a complete line of hot-swappable I/O cards with interfaces including HDMI, DVI, VGA, DisplayPort, and HDBaseT.

Key Features:

- 36x36 matrix chassis. 8U, 1-card 1-port. Resolution up to 4K@60Hz 4:4:4
- Supports HDMI/DVI/VGA/YPBPR/CVBS/HDBaseT/Fiber mix input and output
- Supports corresponding audio embedding and de-embedding
- Seamless switching support with no blue/black screen delay
- Supports Web/APP/RS232/2-key push button control, redundant control system, central control up to 254 units, TV and 40 scenes

Specifications

VIDEO	
Color space / chroma subsampling	RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Colorimetry	RGB444, YUV444, YUV422 , x.v.C standard color extension
Deep color	8-bit, up to 10-bit per channel
EDID management	DIP switch
HDCP	HDCP 2.3, backward compatible with 2.2 and 1.4
HDMI version	HDMI 2.0
HDR pass-through	HDR10
Max pixel clock	604.8 MHz
Supported resolutions	480i, 480p, 576i, 576p, 720p@60Hz, 1080i, 1080p@30/60Hz, 4K@30/60Hz
Video bandwidth	18Gbps
Video input formats	DV1-1920X1080P60, DV1-1920X1200P60, 1920X1080P60, 1280x720P60, 1920X1200P60, 4K30 4:4:4, 4K60 4:4:4
Video output formats	DV1-1920X1080P60, DV1-1920X1200P60, 1920X1080P60, 1280x720P60, 1920X1200P60, 4K30 4:4:4, 4K60 4:4:4

CONNECTIVITY & I/O	
Analog audio output	3.5mm stereo, PCM 2.0, 32 to 192kHz, 16 to 24-bit
Audio input	3.5mm stereo analog input for embedding, one per input card
Control connectors	2x RS-232 on DB9 (COM 1, COM 2), 2x RJ45 for TCP/IP control (LAN 1, LAN 2)
Expansion slots	36 input cards + 36 output cards, 1 control slot, Hot-swappable
HDMI audio output	LPCM 2.0 / 5.1 / 7.1, Dolby Digital / Dolby Digital Plus, Dolby TrueHD / Dolby Atmos, DTS / DTS-HD Master Audio

Specifications (cont.)

MATRIX & ROUTING	
Chassis / card configuration	8U chassis
Matrix size	36x36
Routing mode	Any input to any output, one-to-many, all-to-one
Seamless switching	Not supported (Switching time 5 to 500ms)
Video wall layouts	Up to 6x6

CONTROL & MANAGEMENT	
API / command set	ASCII command set, published in the user manual
Control interface	Front panel buttons, Web GUI, TCP/IP, RS-232, IR remote, Mobile app
Firmware update / factory reset	Firmware update through the web GUI
Presets / scenes	40 presets by default, up to 1000
RS-232 baud rate	115200 default, 8 data bits, 1 stop bit, no parity
Web GUI	Browser-based, no plug-in required

GENERAL / PHYSICAL	
Certifications	FCC, CE, RoHS,CB,ISO
Dimensions / net weight	482x385x355(mm)/ 18.97*15.35*13.97(inch); 25kg/55.12lbs (Without Cards)
Housing	Metal
In the Box	Main Metal Chassis
Limited warranty	5 years
Mounting	Desktop, 8U rack
Operating / storage humidity	5% to 90% RH, non-condensing
Operating / storage temperature	Operating 0°C to 40°C / storage -20°C to 60°C
Power consumption (max)	350W
Power supply	100-240V AC 50/60Hz in
Standby power	40W

ADDITIONAL	
Card capability versus chassis capability	Resolution, HDCP, seamless switching, video wall and audio breakout are all card features, not chassis features
Designed for 24/7 use, MTBF 10,000 hours	Continuous-duty rating with a stated mean time between failures