

# CROSS-MAX0808/1616/3232/7272/144144/288288

CROSS series modular Matrix switcher



CROSS-MAX0808  
Size (mm):  
483(L)×354(W)×132.5(H)



CROSS-MAX1616  
Size (mm):  
483(L)×354(W)×221.5(H)



CROSS-MAX3232  
Size (mm):  
483(L)×404(W)×443.6(H)



CROSS-MAX7272  
Size (mm):  
483(L)×404(W)×710.4(H)



CROSS-MAX144144  
Size (mm):  
483(L)×504(W)×1332.7(H)



CROSS-MAX288288  
Size (mm):  
1210(L)×756(W)×1555(H)

### Product overview

CROSS series modular matrix switcher supports HDMI, DVI, VGA, CVBS, S-Video, YPbPr, SDI signal local direct input, as well as HDMI, DVI, VGA, SDI signal direct output, DVI seamless output, and DVI splicing output. In addition, it also provides the twisted pair (HDBaseT) input and output card, which can prolong the input and output signal transmission distance up to 100M via the twisted pair together with the twisted pair transmitter. It provides fiber input and output card as well, which can prolong the input and output signal transmission distance up to 300M via the single core multimode fiber together with the fiber transmitter. Besides that, it can be changed into a single-mode transceiver using single-mode fiber transmission to increase the transmission distance up to 20km. Digital signal processing technology can ensure to transmit the best quality image to the display terminal without distortion.

### Features

- Support any card input in COMP (component video input interface support the signals of VGA, CVBS, S-Video, YPbPr), DVI, HDMI, twisted pair (HDBaseT), SF (optical fiber), any card input of SDI (optical fiber).
- Support any card output in DVI, HDMI, twisted pair (HDBaseT), SF (optical fiber), VGA, SDI, DVI seamless, and DVI splicing.
- Support input EDID read, custom functions.
- Support embedded bidirectional infrared and RS-232 control signal switching function (should cooperate with the twisted pair or FB card and the corresponding transmitter (CROSS-MAX288288 does not support).
- Supports positive fast channel and the Wall-mounted control signal separation switching mode.
- Flexible control mode, key panel operation, RS-485 extended keyboard operation, also offers 2 standard RS-232 communication interface and network port, convenient for users to work with a variety of remote control equipment.

### Specifications

The parameter name		CROSS-MAX0808/1616/3232/ 7272/144144/288288				
Interface	The input card can be connected to Quantity / input channels	1/8	2/16	4/32	9/72	18/144
	The output card can be connected to Quantity / input channels	1/8	2/16	4/32	9/72	18/144
	Support input card type	Xin-DVI8; Xin-HDMI8; Xin-CAT8; Xin-SF8; Xin-COMP8;Xin-SDI8				
	Support output card type	Xout-DVI8; Xout-HDMI8; Xout-CAT8; Xout-SF8;Xout-SDI8; Xout-VGA8; Xout-DVI85				
	Interface bandwidth	2.25Gbps, full digital (a total of 6.75Gbps, each color is 2.25Gbps)				
Serial port control	Serial control interface	RS-232, The 9- pin female D interface				
	The baud rate and protocc	Baud rate: 9600, Data bits: 8 Stop bit: 1, No parity				
	Serial control interface	2 = TX , 3 = RX , 5 = GND				
KEYBOARD Control interface	Keyboard control interface	4 bit 3.8mm Phoenix interface				
	Use	Use with the expansion keyboard MCP100				
	Keyboard control port structure	+5V=DC5V , + = DATA+ , -=DATA- GND = Signal ground				
Ethernet control	Ethernet control interface	RJ-45 bus interface				
	Ethernet Control Protocol	TCP/IP				
	Ethernet control rate	Adaptive 10M/100M, in full or half duplex				
Specifications	Power supply	100VAC ~ 240VAC, 50/60 Hz, The adaptive power supply				
	Maximum power dissipation (fully installed with IO cards of maximum power dissipation)	107W 1550W	208W 3200W	383W	795W	
	The product weight (Does not contain any card)	5.3Kg 62Kg	9.0Kg —	19Kg	30Kg	
	Storage, use temperature	-20°C ~ +70°C				
	Storage, use humidity	10% ~ 90%				
	Box size	3U	5U	10U	16U	—30U
	Mean time between failures	30000 Special Ops				
	The warranty	1 year free warranty, life-long maintenance				