

CDM12/CDM32 Modulator Matrix Switcher

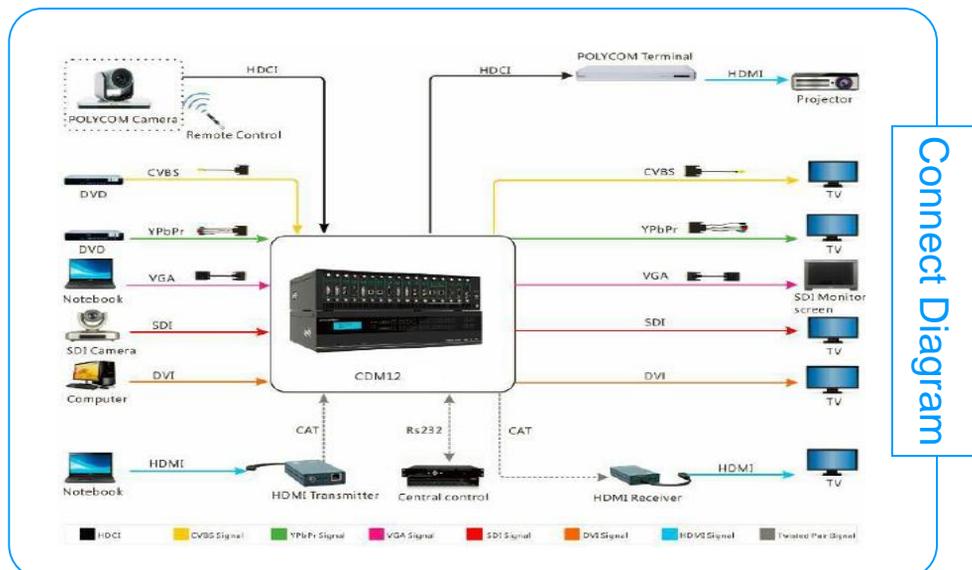


Introduction

CDM12/CDM32 is a new type of HD seamless modular matrix of one card one single, which supports a total of 12/32 HD video. The 12 / 24 channels can be customized input / output mode, of which 0/8 channel is fixed output. It can automatically detect of card type and support different input and output channel number. The system support HDMI, DVI, VGA, SDI, YPBPR, CVBS, HDBaseT, HDCI and other signals, can customize the output resolution, the highest is 1920*1200@60Hz. It also adopts seamless switching technology, making the switching process without black, blue, tearing, jitter and so on. It can be widely used in government, judicial, military, education, medical, business and other occasions.

Feature

- * Support 12/32 multiple video interface with arbitrary configurations for input or output (see interface combination table) in which 12 / 24 channel is in any combination, 0/ 8 channel is fixed output;
- * One card one signal design is better for configuration and maintenance;
- * Built in card smart recognition technology, can automatic detect card type, plug and play;
- * Support input signal: HDMI, DVI, SD/HD/3G-SDI (adaptive), VGA, YPbPr, CVBS, HDBaseT, HDCI (Polycom video conference terminal special interface)
- * Support output signal: HDMI, DVI, VGA, YPBPR, CVBS, HDBaseT, HDCI (Polycom video conference terminal special interface)
- * Support output resolution custom regulation, maximum support 1920*1200@60Hz;
- * The use of seamless switching technology making switching process without black, blue, tearing, jitter and so on;
- * Support EDID management and compatible with HDCP protocol



Connect Diagram

Specification

Model		CDM12	CDM32
Description		12 Card enhanced HD modular matrix	32 card enhanced HD modular matrix
	Card slot	12 Card arbitrary combination and 0 fixed output	32 Card of 24 arbitrary combination and 8 fixed output
	Input module	Support CVBS, YPbPr, VGA, HDMI, DVI, AUDIO, 3GSDI, HDCI, HDBaseT	
	Output module	Support CVBS, YPbPr, VGA, HDMI, DVI, AUDIO, 3GSDI, HDCI, HDBaseT	
	Bandwidth	10.2Gbps	
Control	Serial port control	control protocol	RS-232 (baud rate: 115200 data bits: 8 stop bit 1: no parity)
		Connector	9 pin D-sub(DE9F) jack 2=TX 3=RX 5=GND
	Network IP	control protocol	TCP/IP
		Connector	RJ45 connector 10/100Base-T Ethernet
Color Space	Supports RGB444, YUV444, YUV422 color space, supports x.v. color extended gamut standard		
Electrostatic portection	Human body discharge mode: $\pm 8\text{kV}$ (air gap discharge) $\pm 4\text{kV}$ (contact discharge)		
Input Voltage	100VAC~260VAC, 50/60 Hz, international adaptive power supply 23W (max) /0.5w (standby state)		
Operating Temperature	0°C~40°C		
Storage Temperature	-20°C~60°C		



4k3D Input Card : CDM-HDMI-4K-IN



HDCDI Input Card : CDM-HDCDI-IN



Universal Input Card : CDM-HSDVI-IN



4K3D Output Card : CDM-HDMI-4K-OUT



3GSDI Input Card : CDM-3GSDI-IN



Universal Output Card : CDM-HSDA-
OUT



HDBASET Input Card : CDM-HDBASET-IN

CDM Series Equips