

VID50T16-16

Analog Matrix Switcher with BNC input and output

In general

This 50T Medium matrix switcher supports HD(AHD,CVI,TVI) & standard definition (CVBS) analog video input, support HD & SD output or HDMI output, supports main keyboard operation of TVI Coaxitron & Pelco P/D/C, operation is very stable. Good choice for applications of public transport, education, video display, etc.

Features and function

- Support arbitrary input and output switch & control.
- Support 16ch BNC input, 16ch BNC output.
- Support input of HD analog (AHD, TVI, CVI)
- Support Coaxitron.
- Support analog and HDMI output.
- Support video looping.
- Support HD digital signal transform.
- Support output resolution configuration.
- Support Ethernet control.
- Support 300MHz analog bandwidth to ensure hd analog signal stable transport.
- Support RS-485 PTZ control.
- Support TVI coaxitron (TVI 2.0/1.0)
- Support Pelco-P/D PTZ protocol.
- Netclient software configures protocol and port.
- Keyboard controller for operation like analog system.

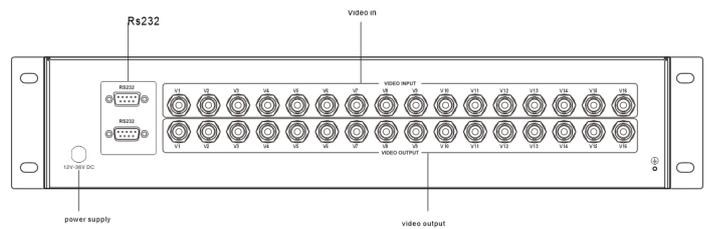


Optional models

Front panel without keypad



Rear panel



Specifications

Video	
Bandwidth	200MHz (-3dB),full load, @ ± 0.1 dB at 0-10MHz and @ ± 0.6 dB
Luminance and chromaticity interference	<-80dB @100KHz (full load)
Signal formats	NTSC3.58, NTSC4.43, PAL, SECAM, HDTV
signal type	composite video signal
video input	
Interface	BNC connector
Impedance	75 Ω
Minimum and maximum levels	Analog signal 0.5V - 2.0Vp-P
Echo phase locking	0.3V - 0.4Vp-P
Return loss	<-50dB @5MHz
Maximum tributary offset error	15mV
Video output	
Interface	BNC connector
Impedance	75 Ω
Return loss	<-50dB @5MHz
Dc compensation	up to ± 5 mV
Conversion type	Vertical interval
Control type	
Serial control interface	RS232
Baud rate and protocol	Baud rate: 9600, Data bits: 8 bits,Stop position: 1,There is no parity check bit
Serial control port structure	2=TX, 3=RX, 5=GND
In general	
Power supply	12V - 36V DC
Temperature	Storage and usage temperature: 20 ° C - 70 ° C
Humidity	Storage and usage humidity: 10% - 90%
Size	491.5 (L)*210.0 (D)*96.0mm (H)
Gross/Net weight	5.2KGS/4.0KGS