

Hybrid matrix switchers

TRI- AVC-H51PS4K-6012

Large venues | Live events & performing arts | Auditorium | planetarium | Network Operation Centers

Product overview :

Multi-format matrix using the daughter cards structure, flexible and convenient installation. The input/output port support: HDbaseT, SDI, HDMI, VGA, DVI-U (HDMI/DV I/VG A/Y Pb Pr /CV B S). With the Ethernet/LAN and RS232 communication interface, through the PC software to control the matrix signal switching, monitoring the working status of the matrix, set the signal resolution, etc.

Features:

- Maximum resolution of 1920 x 1080@60Hz (2K cards); 3840x2160@60Hz(4K cards);
- Support HDMI 2.0, HDCP 2.2, YUV 4:4:4, audio 7.1 CH;
- Support HDMI 4K->2K downscaling;
- Support video wall;
- HDBaseT cards support POC;
- Full digital switching: real seamless switching for all types of output cards.
- Redundant power supply
- Support Seamless switching;
- Support up to 8~140 inputs and 8~140 outputs;
- Input/Output port: HDbaseT, 3G-SDI, HDMI, DVIU (HDMI/DVI/VGA/YPbPr/CVBS);
- Control interface: RS232, Web-based Ethernet/LAN;
- PC software to facilitate remote control, real-time display the input and output status;
- Scalar inside, output resolution control available;
- Support video wall function;
- Character overlay function: Font / color / size control available.



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Technical specifications

Parameter	Value
Interface	
The input card can be connected to Quantity / input channels	18/36
The output card can be connected to Quantity / output channels	18/36
Support input card type	DMAX-IN HDMI2; DMAX-IN DVI2; DMAX-IN HD2; DMAX-IN VGA2; DMAX-IN SDI2; DMAX-IN HDMI2-4K; DMAX-IN HD2-4k;
Support output card type	DMAX-OUT HDMI2-S; DMAX-OUT DVI2; DMAX-OUT HD2; DMAX-OUT VGA2; DMAX-OUT SDI2; DMAX-OUT HDMI2-4K; DMAX-OUT HD2-4K;
Serial port control interface	
Serial port control interface	RS-232, 9-pin female D interface and 9-pin male D interface
The baud rate and protocol	Baud rate: 9600, Data bits: 8 Stop bit: 1, No parity
Structure of serial control	9-pin D female interface: 2 = TX, 3 = RX, 5 = GND
Front panel	
Control button	Physical control buttons
Display	LCD status display
Ethernet control	
Ethernet control interface	RJ-45 bus interface
Ethernet Control Protocol	TCP/IP
Ethernet IP type	Static IP, Automatic IP
Specifications	
Working power supply	100VAC ~ 240VAC,50/60 Hz,
Storage, use temperature	-4 - 140°F / -20 - 60°C; 32 - 104°F / 0 - 40°C
Storage, use humidity	20 - 90% RH (no condensation)
Box size	8U
Gross weight	23kg
No-load power consumption (redundant)	350W*2
Mean time between failures	30,000 hours
The warranty	1 year free warranty

For the most current specification information, please visit tri-star.co.in

TRI- AVC-H51PS4K-6014
HDMI input card



TRI- AVC-H51PS4K-6015
HDMI output card



TRI- AVC-H51PS4K-6016
HDBaseT input card



TRI- AVC-H51PS4K-6017
HDBaseT output card

