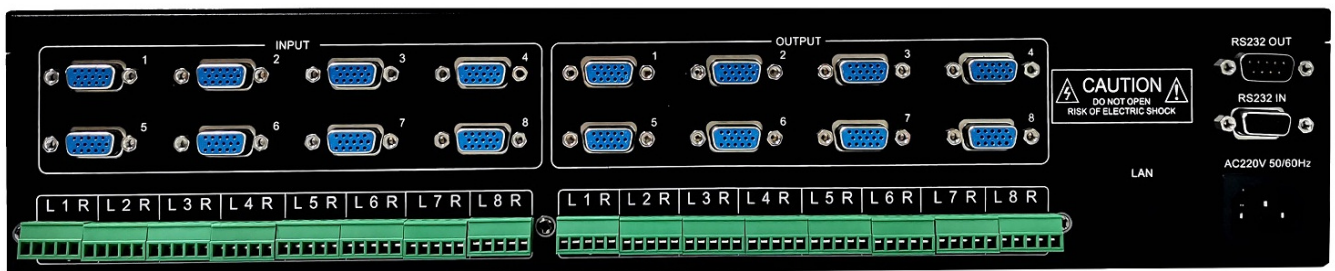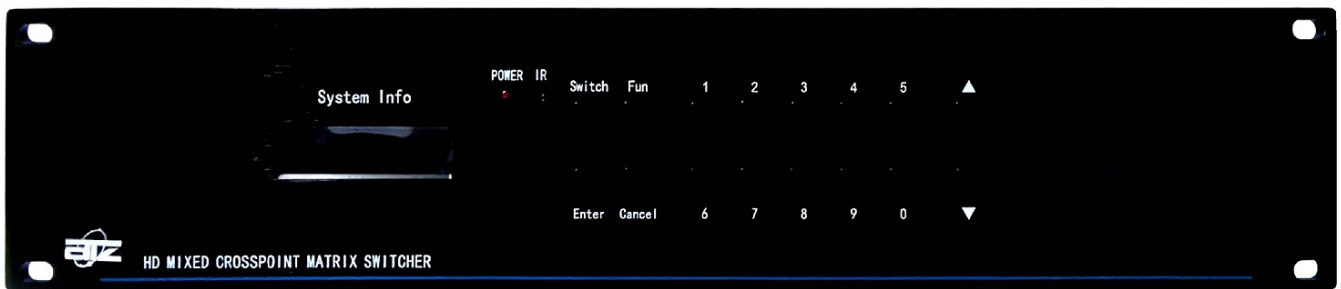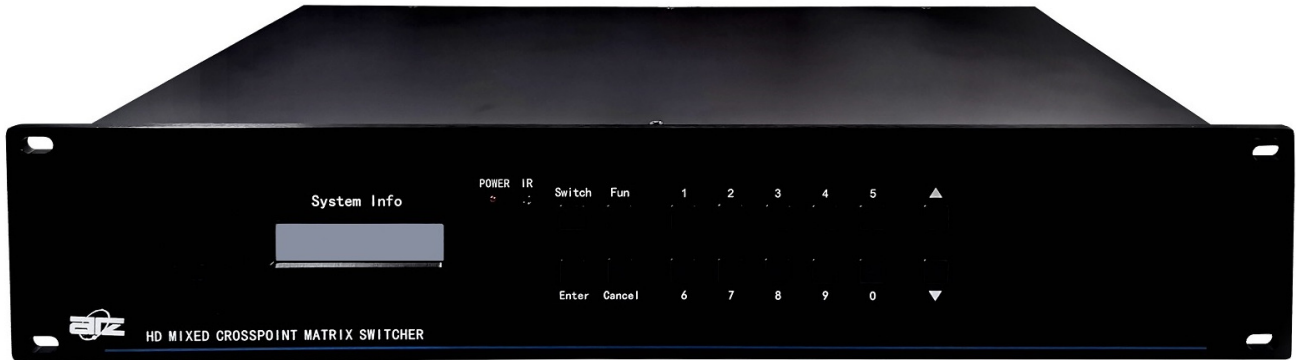**Model**   **:** ATZ VS88AR
Description: 8 x 8 MATRIX VGA SWITCH w/AUDIO + IR

Features:

- Multiple control modes - controlled by front panel buttons, IR remote control, RS232 Software.
- EDID technology - Smooth boot and best video quality by choosing the best EDID Settings
- Support one-click quick query function - software to view the switching status of the VGA matrix switch
- Power-down memory function - with power-off site protection, power-on automatically restores the state before shutdown
- Full SMT process, unique ESD electrostatic protection

Model   : ATZ VS88AR
Description: 8 x 8 MATRIX VGA SWITCH w/AUDIO + IR

- Telecommunications-class core digital switching chip with superior anti-jamming and all-weather capability
- Adopt the latest 32-bit embedded processor;
- Large-scale high-resolution chip with long-line drive function, output distance of 60 meters measured without tailing ghost;
- Signal long-distance transmission distortion gain compensation technology;
- With programmable logic array circuit (CPLD), the performance is more stable;
- Compatible with code and instructions for all similar products in the market;
- Standard rack mounted metal chassis
- With serial port ringing function, 256 devices can be cascaded

Specifications:

Input interface	8* VGA interface
	8* 3.8mm with bolt screw interface
Output interface	8* VGA interface
	8* 3.8mm with bolt screw interface
Support resolution	1920*1440
Switching mode	button, infrared remote control, RS232, software control
Input level	video 0.5-1Vp-p, audio 2.2Vp-p
Output frequency	AGC-TTL: 5Vp-p, audio 2.2Vp-p
Maximum rise/fall time	8ns
Maximum transmission delay	Horizontal: 90ns, Vertical: 160ns
Video format	NTSC 3.58, NTSC 8.83, PAL, SECAM
Other features	point-to-point output, power down. Memory function
Electrical Specifications	
Power supply voltage	AC 100-240V, 50-60HZ
Power consumption	35W
Rack mount	2U
Bandwidth	700M
Gain	0dB
Bit clock jitter	<0.15Tbit
Bit rise time)	<0.3Tbit (20%--80%
Bit fall time	<0.3Tbit (20%--80%)
Baud rate and protocol	Baud rate: 9600, data bit 8 bits, stop bit 1, no parity
Serial control interface	RS-232 IN: 2 = TX, 3 = RX, 5 = GND /
	RS232 OUT: 2 = RX, 3 = TX, 5 = GND
Mean time between failures	(MTBF) 80000 hours
Product shape	

Model   : ATZ VS88AR
Description: 8 x 8 MATRIX VGA SWITCH w/AUDIO + IR

Shell colour	black
Shell material	aluminium alloy wire drawing
Product size	480mm*310mm*90mm
Product weight	5KG
Package weight	6KG
Environmental parameters	
Working temperature	-20~70°C
Working humidity	0%-90% RH, no condensation
Storage temperature	-20~65°C
Storage humidity	0%-90% RH, no condensation

Package Includes:

1x 8x8 VGA Matrix switcher

Warranty: 2 Years

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.