



**AC-900/1800/3600 series**  
Modular Video Wall Matrix Switch

**Features:**

- Rack mounted modular chassis
- Control console with touch panel, push buttons, RS232, web GUI & mobile apps.
- Supports seamless switching
- Supports scaling and mirror function
- Modular cards options with HDMI, DVI, YPBPR, RCA, SDI & HDBT Signal
- Support resolution 1080P, 4K@30 and 4K@60
- Support power redundancy ( 4u & 8u)

Modular Slots	Each slot support one card (1 card 1 port)
Chassis Types	2U rack mount 9 in 9 out
	4U rack mount 18 in 18 out (power redundancy)
	8U rack mount 36 in 36 out (power redundancy)
Supported Signals (Input & Outputs)	HD1080p and UHD4K
Working Temp	0 —70°C
Working humidity	5%—95%RH
Control	Front push buttons, dual RS232 ports, LAN ports, APP
Power	AC 110V-240V 50/60HZ
Size & Weight	2U 482 x 390 x 88 mm, 6 KG
	4U 482 x 390 x 178 mm, 12.5 KG
	8U 482 x 390 x 355 mm, 25 KG
Operating Temperature	-10°C to 50°C
Storage Temperature	-25°C to 55°C

## Input Sub Card:

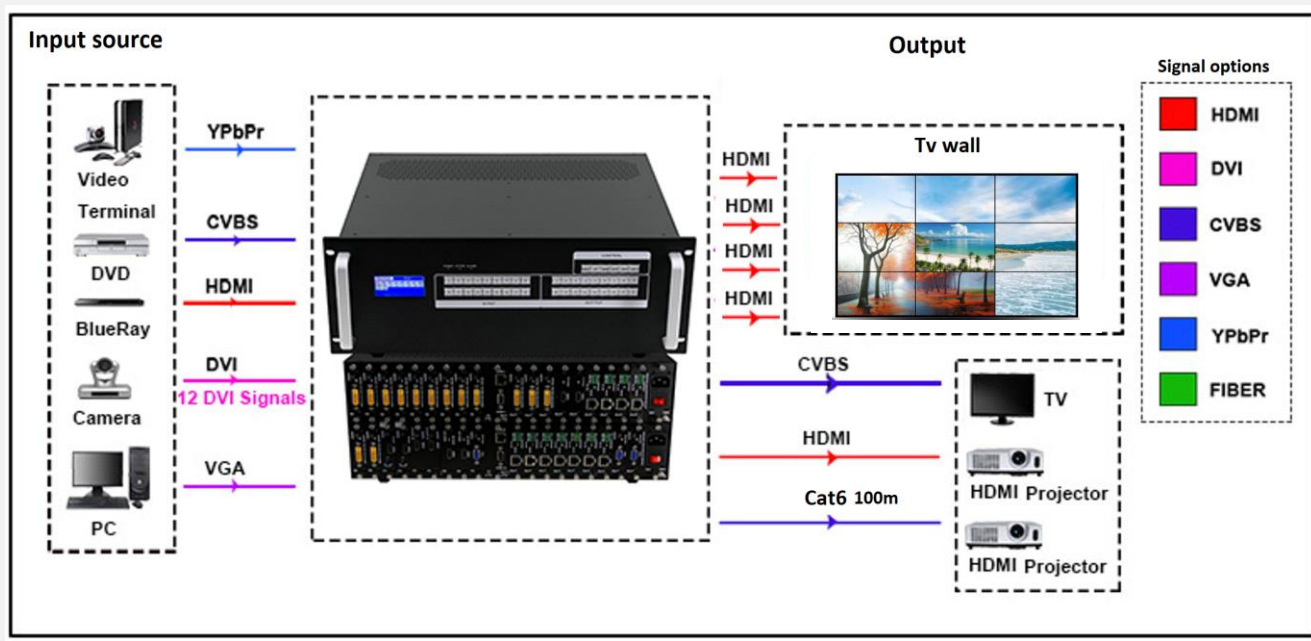
HD1080p 60fps Seamless Switching	
Universal input	<b>Model: AC-MINI-MAV-IN</b>
	HDMI/ DVI/ VGA/ YPBPR/ CVBS + 3.5mm audio input (1 port)
HDMI input	<b>Model: AC-MINI-HD-IN</b>
	1 port HDMI with 3.5mm audio
HD BaseT input (70 meters)	<b>Model: AC-MINI-HDBT-IN-70</b>
	1 port HD BaseT, PoE, Rs232, Bit directional IR & DIP Switch
HD BaseT input (100 meters)	<b>Model: AC-MINI-HDBT-IN-100</b>
	1 port HD BaseT, PoE, Rs232, Bit directional IR & DIP Switch
SDI input	<b>Model: AC-MINI-3GSDI-IN</b>
	1 port 3G-SDI + 3.5mm audio & 1 port 3G-SDI loop out
4K 30fps	
HDMI input	<b>Model: AC-MINI-HD-IN-4K30</b>
	1 port HDMI
HD BaseT input (70m HD1080p) (40m UHD4K)	<b>Model: AC-MINI-HDBT-IN-4K30-40</b>
	1 port HD BaseT, PoE, Rs232, Bit directional IR 1 port HDMI loop out
HD BaseT input (100m HD1080p) (70m UHD4K)	<b>Model: AC-MINI-HDBT-IN-4K30-70</b>
	1 port HD BaseT, PoE, Rs232, Bit directional IR 1 port HDMI loop out
4K 60fps Seamless Switching	
HDMI input	<b>Model: AC-MINI-HD-IN-4K60</b>
	1 port HDMI with 3.5mm audio
HD BaseT input (70m HD1080p) (40m UHD4K)	<b>Model: AC-MINI-HDBT-IN-4K60-40</b>
	1 port HD BaseT, PoE, Rs232, Bit directional IR 1 port HDMI loop out
HD BaseT input (100m HD1080p) (70m UHD4K)	<b>Model: AC-MINI-HDBT-IN-4K60-70</b>
	1 port HD BaseT, PoE, Rs232, Bit directional IR 1 port HDMI loop out

## Output Sub Card:

HD1080p Seamless Switching	
Universal output	<b>Model: AC-MINI-MAV-OUT</b>
	HDMI/ DVI/ VGA/ YPBPR/ CVBS + 3.5mm audio input (1 port)
HDMI output	<b>Model: AC-MINI-HD-OUT</b>
	1 port HDMI with 3.5mm audio
HDMI output	<b>Model: AC-MINI-HDWALL-OUT</b>
	1 port HDMI with 3.5mm audio, <a href="#">video wall function</a>
HD BaseT output (70 meters)	<b>Model: AC-MINI-HDBT-OUT-70</b>
	1 port HD BaseT, PoE, Rs232, Bit directional IR & DIP Switch
HD BaseT output (100 meters)	<b>Model: AC-MINI-HDBT-OUT-100</b>
	1 port HD BaseT, PoE, Rs232, Bit directional IR & DIP Switch
SDI output	<b>Model: AC- M-OUT-3GSDI</b>
	2 ports 3G-SDI + 3.5mm audio
4K 30fps	
HDMI output	<b>Model: AC- MINI-HD-OUT-4K30</b>
	1 port HDMI
HD BaseT output (70m HD1080p) (40m UHD4K)	<b>Model: AC-MINI-HDBT-OUT-4K30-40</b>
	1 port HD BaseT, PoE, Rs232, Bit directional IR
HD BaseT output (100m HD1080p) (70m UHD4K)	<b>Model: AC-MINI-HDBT-OUT-4K30-70</b>
	1 port HD BaseT, PoE, Rs232, Bit directional IR
4k 60fps Seamless Switching	
HDMI output	<b>Model: AC-MINI-HD-OUT-4K60</b>
	1 port HDMI with 3.5mm audio, <a href="#">video wall function</a>
HD BaseT output (70m HD1080p) (40m UHD4K)	<b>Model: AC-MINI-HDBT-OUT-4K60-40</b>
	1 port HD BaseT, PoE, Rs232, Bit directional IR
HD BaseT output (100m HD1080p) (70m UHD4K)	<b>Model: AC-MINI-HDBT-OUT-4K60-70</b>
	1 port HD BaseT, PoE, Rs232, Bit directional IR

Rack mount chassis	
Model: AC-900	Rack mount 2U 9 in 9 out modular matrix switch
Model: AC-1800	Rack mount 4U 18 in 18 out modular matrix switch Dual power supply
Model: AC-1800 Plus	Rack mount 4U 18 in 18 out modular matrix switch Dual power supply, touch screen panel
Model: AC-3600	Rack mount 8U 36 in 36 out modular matrix switch Dual power supply
Model: AC-3600 Plus	Rack mount 8U 36 in 36 out modular matrix switch Dual power supply, touch screen panel

**Connection Diagram:**



**Display mode:**



Single screen display



Full screen display