

# High-Performance Video Wall Controller

## Ultra Matrix Pro

The High Performance Video Wall Platform, Ultra Matrix, take lead of Video Wall Industry, presenting Multi-Display as Maximum resolution 16K. With All-in-one performance hardware platform, Ultra Matrix provide physical pixel in each video wall LCD to reach gorgeous display quality, co-work with editable 16K UHD software Visuade, Ultra Matrix makes your Video Wall extremely attractive.

### Feature

- 16K UHD Powered by Ultra Matrix Hardware & Software Visuade
- Meticulous & Sharp image even 8K or 16K Video Wall
- Support Hard code EDID Easy Maintenance
- Self-Position & Color Test Patterns
- Support system automatic ON/OFF by RTC



Vertical Solution		Horizontal Solution	
9 ports	5760x3240 / 1920x9720	24 ports	15360x3240 / 7680x6840
12 ports	7680x3240 / 1920x12960	36 ports	11520x6480
15 ports	9600x3240		
18 ports	11520x3240		
21 ports	13440x3240		
		8 ports	15360x1200 / 7680x2400 / 3840x4800
		12 ports	11520x2400 / 7680x3600
		16 ports	7680x4800 / 15360x2400
		20 ports	7680x6000
		24 ports	7680x7200/11520x4800

\*Vertical 27,30,33,36 and Horizontal 20,24 ports only support Xeon CPU  
\*All resolutions support Landscape or Portrait

### Specification

System	
Processor	Intel® Core™ i7
Memory	16GB DDR3
Storage	1 x 3.5"1TB HDD, 1 x 2.5" 256G SSD
Operating System	Win 8.1/10 64Bit
Video Wall Resolution	1920x1080@60Hz (Vertical) 1920x1200@60Hz (Horizontal)
PC Vision Software	Visuade™ Pro
Output Ports	
Audio Output	5 x 3.5mm ; 1 x S/PDIF
USB Ports	2 x USB 2.0, 6 x USB3.0
PS/2 Ports	1
Connectivity Ports	2 x RJ45 Ethernet / 2 x WiFi Antenna

Structure and Operating Environment	
Power Supply	850 WATT
Fans	4 x PWM
Housing	Aluminium / Metal
Dimensions (H x W x D)	177 x 440 x 428mm
Weight	12KG
Certification	CE, FCC

Accessory Option	
PCVision External USB Capture	HDMI x1(1080p x1)
PCVision N2 4K PCIe Capture	HDMI x2(1080P x2, 4K@30Hz x1)
PCVision N4 FHD PCIe Capture	HDMI x4 (1080i x4, 1080p x2)
PCVision N4 FHD PCIe Capture	SDI x4 (1080i x4, 1080P x2)

### Others

Packing Contents
1 x Ultra Matrix Pro System
2 x Wi-Fi Antennas
1 x Power Cord Cable

Ordering Infomation			
UMP8AE-H	AMD E series	UMP15AE-V	AMD W series
UMP8N-H	NVIDIA	UMP15AW-V	AMD FirePro™ Series
UMP9AE-V	AMD W series	UMP16M-H	Matrox Solution
UMP9N-V	NVIDIA GTX Series	UMP18AE-V	AMD W series
UMP12AE-H/V	AMD W series	UMP18AW-V	AMD FirePro™ Series
UMP12AW-H/V	AMD FirePro™ Series	UMP21M-V	Matrox M Series
UMP12N-V	NVIDIA GTX Series	UMP24M-V	Matrox M Series

\*H : Horizontal Solution , V : Vertical Solution



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