HDMI 2.0 KVM Processor

VP-KM41

Introduction

The Multiview KVM Processor is the excellent machine for monitoring and controlling host devices. It can not only display 4 host devices in 4K60 resolution through one HDMI output, but also real-time control 4 host devices by one set of keyboard and mouse. The mouse cursor can cross from one window to the others freely by moving the mouse without pressing front panel button in quad view mode.

The Multiview KVM Processor has independently dual display video output to cope with various applications. Its preset screen layout includes full screen mode and the very popular full quad view display mode. Max. 5 units of Multiview KVM processor can be cascaded and support up to 16 host devices to display on a single display device.

- Integration with DVR, IP camera as a surveillance system
- Monitoring and broadcasting in bank, stock market and TV station
- Security control room

- Dual display output; primary display supports quad view and full screen modes, secondary display supports full screen mode
- Support mouse cursor crossing the window border to the others freely in quad view mode
- Support 4K@60Hz full screen and quad view layout configuration
- Support input resolution up to 4K@60Hz, 4:4:4 color sampling
- Support output resolution up to 4K@60Hz, 4:4:4 color sampling
- Support upscaling up to 4K@60Hz, 4:4:4 color sampling
- Support Deep Color and HDCP 1.4 / 2.2
- Support cascading up to 5 units to create max. 16 host devices controlled by 1 set of keyboard and mouse.
- Fast switching between the input channels or the screen layout modes
- Receive Dolby Digital® 5.1, DTS® 5.1 and uncompressed 7.1 linear PCM audio including stereo analog audio input
- Support stereo audio output
- Support keyboard/ mouse, front panel button, IR remote control, RS232/TELNET and Web UI control
- Support USB port firmware upgrade

Specifications

MODEL NO.	VP-KM41
INPUT	HDMI with locking x 4
OUTPUT	HDMI with locking x 1 HDMI loop out x 1 Audio R/L
KEYBOARD/ MOUSE	USB type B for host devices x 4 USB type A for keyboard and mouse x 2
CONTROL	Front panel buttons IR remote control RS232 Web UI
FIRMWARE UPGRADE	USB x 1
VIDEO OUTPUT RESOLUTION	4096 x 2160@60Hz, 4:4:4 color sampling
ETHERNET PORT	RJ45 x 1
LED INDICATOR	INPUT, blue backlight LAYOUT, blue backlight INFO, blue backlight LOCK, blue backlight STANDBY on, red backlight STANDBY off, green backlight
POWER SUPPLY	DC 12V/2A, locking barrel connector
POWER CONSUMPTION	15W
ENVIRONMENT	Operating temperature 0 ℃~ 45℃ Operating humidity 20~90% RH Storage temperature -20 ℃ ~60 ℃
DIMENSION	440.4 x 230 x 45 mm (L x W x H, standard 1U)
WEIGHT	2.72 KG

- Full screen
- Quad view screen layout

UHD Display

UHD Display

KEYBOARD   MOUSE   USB1   USB2   USB3   USB4   RESET   AUDIO OUT   ETHERNET   RS232   USB FW   12VDC   POWER ON/OFF
                                                                                                              UPGRADE
OUTPUT   INPUT   VP-KM41
VIDEO B   VIDEO A   HDMI1   HDMI2   HDMI3   HDMI4

Audio   Ethernet Cable

Ethernet Cable   RS232

PC   PC   PC   PC   Speaker   Ethernet Switch
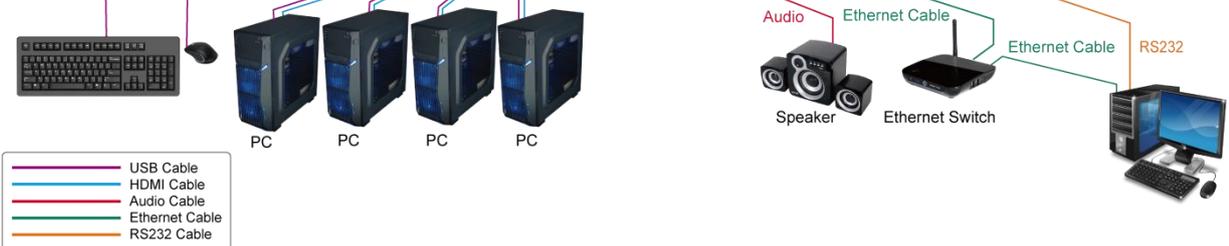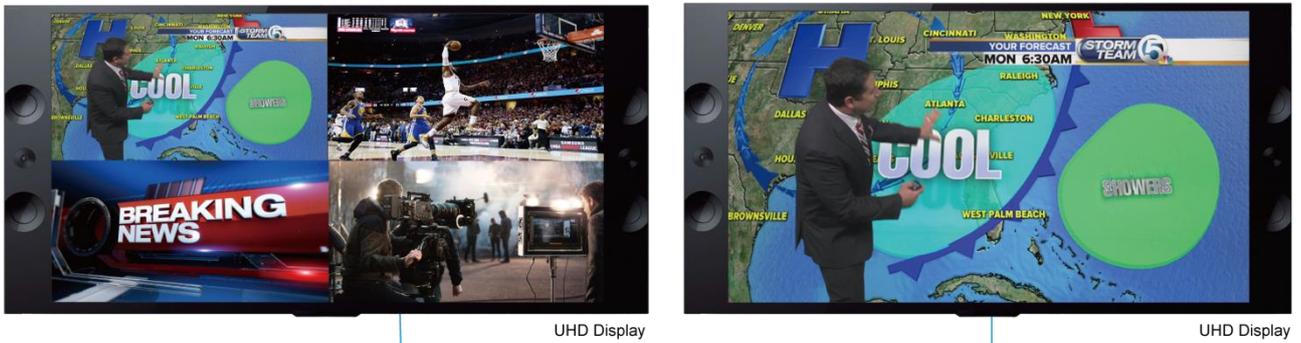
	USB Cable
	HDMI Cable
	Audio Cable
	Ethernet Cable
	RS232 Cable

Secondary Display

Primary Display

HDMI Cable
USB Cable

VP-KM41

DVR   DVR   DVR   DVR

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