4-Port HDMI Multi-View/Audio KVM Switch

Model no: 4KVIEWER-KVM-4

aegis' 4KVIEWER-KVM-4 is designed to improve the operational efficiency of monitoring applications which need to view and manage multiple computers simultaneously. 4KVIEWER-KVM-4 provides users to access up to 4 computers from a single console, consisting of a USB keyboard, USB mouse, and HDMI monitor. It supports up to 4K/30hz resolution and features flexible display modes including Quad View mode which display 4 digital computers/video sources on a single screen, Picture by Picture mode (Dual, Triple, or Quad) and Full Screen mode.

Moreover, 4KVIEWER-KVM-4 allows a user to use only one keyboard/mouse to resize and to drag/drop sources in wish position on a screen. It has cascade function that chain up and display up to 16 sources and computers. Control and switch between computers/video sources is versatile using the front-panel pushbuttons, IR remote control, On-Screen Display (OSD), through hotkey combinations entered from the console keyboard and mouse. Setup is fast and easy; simply plug cables into their appropriate ports. There is no software to configure, no installation routines, and no incompatibility problems.

The 4KVIEWER series improves operational efficiency for a wide range of practical applications, including control rooms, monitoring systems, and traffic control centers, as well as process control centers, server rooms, medical industries, broadcasting, production and automation, aircraft and vehicles. In combination with projectors, it is also used in presentations and conference rooms.
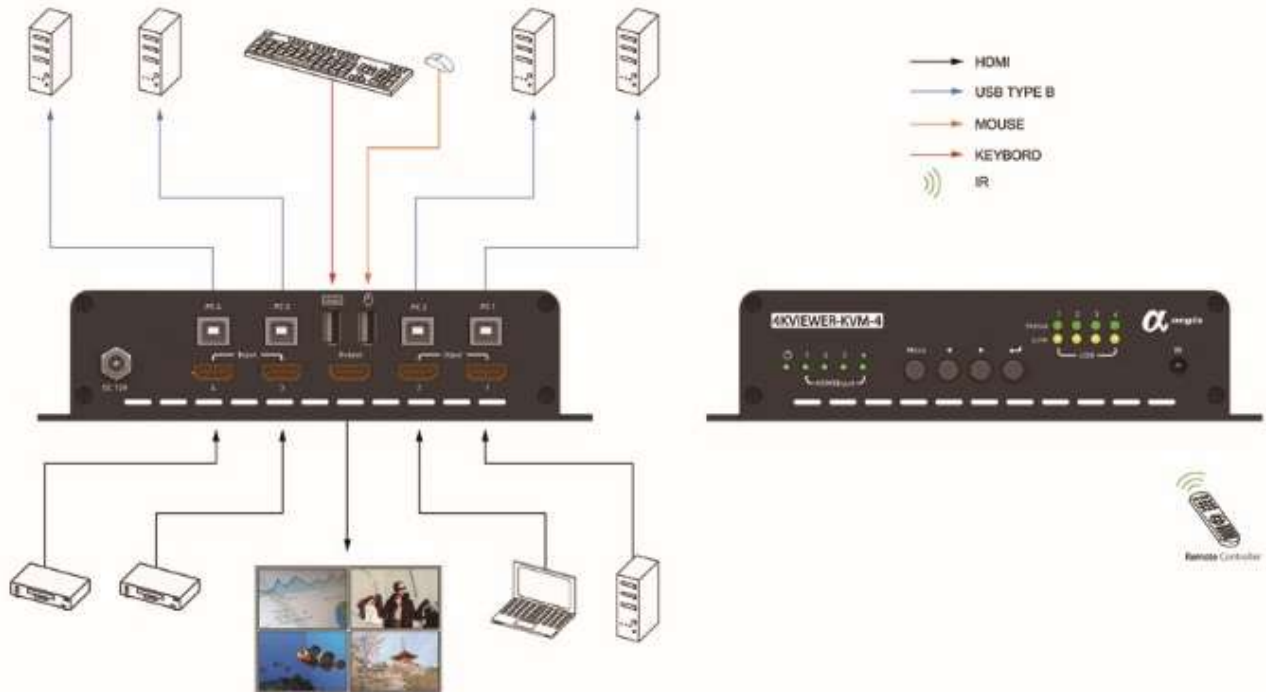

4KVIEWER-KVM-4 Front view

4KVIEWER-KVM-4 Rear view

FEATURES

- Multi-view console controls up to 4 AV HDMI / 4PCs on one screen
- Flexible Display Modes : Quad View, Picture in Picture (PiP), Picture by Picture (PbP), Picture on Picture (PoP), Full Screen and other user free style by dragging, resizing and repositioning.
- Superior video quality – Up to 4K (4096 x 2160 @ 30Hz)
- Intuitive operation and selection by push buttons, OSD, IR Remote Control or Keyboard/Mouse
- Drop down menu to select display modes, controlling PCs and other functions with the mouse and on-screen display (OSD)
- Up to 3 profiles can be saved
- Complaint with HDMI 1.4, HDCP 1.4 & 2.2
- Interactive LED light for connection, screen and USB identification
- Console keyboard mouse emulation / bypass feature that support most multimedia keyboards, mouse and multifunction mice
- Supports all USB Keyboard Mouse Office System
- Mouse port switching is for 5-key USB wheel mouse
- Drag & Drop

CONNECTION DIAGRAM

Legend:
- HDMI
- USB TYPE B
- MOUSE
- KEYBORD
- IR

SPECIFICATIONS

Function	4KVIEWER-KVM-4
Input Ports-Transmitter	Video: HDMI Jack x 4 KVM: USB-B Jack x 4 Console: USB-A Jack X 2 (Keyboard / Mouse) Press Button X 4 Infrared: Infrared Receiver Module X 1 Power: Locking DC Jack X 1
Output Ports	Video: HDMI Jack x 1
HDMI Version	HDMI 1.4
HDCP Version	HDCP 1.4
USB Version	USB 2.0
Resolution	Up to 4KX2K/30Hz
Deep Color	Up to 12 bit
Audio	Up to 8 Channels (7.1)
Infrared	38KHz Frequency
Distance	28AWG-2M / 26AWG-5M -4K 28AWG-2M / 26AWG-5M -1080p

Power	100~240V, 12VDC / 2.0Amp.
Consumption	24 Watt Max.
Product	Dimension: 8.3in X 5.7in X 2.0in (L X W X H) 210mm X 146mm X 52mm (L X W X H) Weight: 1.84 lb；829g
Package	Dimension: 258mm X 198mm X 97mm Weight: 1247g
Temperature	Operation: 32℉ - 104 ℉：0 ℃ - 40 ℃ Storage: 32℉ - 176 ℉：0 ℃ - 80 ℃
Humidity	Operation: 20% - 90% (Non-Condensing) Storage: 20% - 90% (Non-Condensing) ℃
Package Content	4KVIEWER-KVM-4 X 1 PCS Infrared Controller X 1 PCS Universal Power Adapter X 1 PCS User Manual X 1 PCS

Cable Length-Input	1080p/60Hz 8 bit	4K/30Hz 8 bit 4:4:4
HDMI High Speed Cable	10m	10m
Cable Length-Output	1080p/60Hz 8 bit	4K/30Hz 8 bit 4:4:4
HDMI High Speed Cable	2m	2m

Supported Resolutions (Hz)	HDMI Output	HDMI Output
720x480i@60	3840x2160p@30	1080P
720x480p@60	3840x2160p@30	1080P
720x576i@50	3840x2160p@30	1080P
720x576p@50	3840x2160p@30	1080P
800x600@56 60 72 75 85	3840x2160p@30	1080P
1024x768@60 70 75 85	3840x2160p@30	1080P
1152x864@75	3840x2160p@30	1080P
1280x720p@50 60	3840x2160p@30	1080P
1280x768@60 75 85	3840x2160p@30	1080P
1280x800@60 75 85	3840x2160p@30	1080P
1280x960@60 85	3840x2160p@30	1080P
1280x1024@60 75 85	3840x2160p@30	1080P
1360x768@60	3840x2160p@30	1080P
1366x768@ 60	3840x2160p@30	1080P
1400x1050@ 60	3840x2160p@30	1080P
1440x900@60 75	3840x2160p@30	1080P
1600x900@60	3840x2160p@30	1080P
1600x1200@60	3840x2160p@30	1080P
1680x1050@ 60	3840x2160p@30	1080P
1920x1080i@50 60	3840x2160p@30	1080P
1920x1080p@24 25 30	3840x2160p@30	1080P
1920x1080p@50 60	3840x2160p@30	1080P
1920x1200@60	3840x2160p@30	1080P
2560x1440@60	3840x2160p@30	1080P
2560x1600@60	3840x2160p@30	1080P
2048x1080p@24 25 30	3840x2160p@30	1080P
2048x1080p@50 60	3840x2160p@30	1080P
3840x2160p@24 25 30	3840x2160p@30	1080P