



## Features and Benefits

- Displays up to four HDMI video sources on a single monitor
- Input resolutions from 640×480@60Hz to 1920×1200@60Hz, interlaced or progressive
- Supports output resolutions up to 4K2K@60Hz
- HDCP 1.4 compliant
- Analog stereo audio output
- Output display parameters such as layout, resolution, titles, and borders are software controllable
- Up to eight different layouts can be saved
- Resize, position, zoom, pan, and blend output video
- Configure output through RS-232 or Ethernet
- 28 key IR remote control
- Rotation of input image by +90° or -90°
- Supports pixel by pixel mapping in a 2 x 2 configuration
- Automatically upscale 1920×1080 @ 60 Hz output resolution to 4K2K
- Two EDID selections, and custom EDID can be loaded from file
- Firmware updates via configuration software

- ▶ Simultaneous display of four HDMI video sources on a single monitor
- ▶ Input resolutions up to 1920×1200@60 Hz, interlaced or progressive
- ▶ Output resolutions up to 4K2K@60Hz (4:4:4 8 bits)
- ▶ Window size and position are software adjustable
- ▶ HDCP 1.4 compliant
- ▶ IR Remote Control

## Product Overview

The QuadraVista HM 4K60 from Rose Electronics is a unique Quad Viewer. Its versatility and ultra-high definition 4K2K output makes it ideal for command centers, broadcasting, financial institutions, and many other applications.

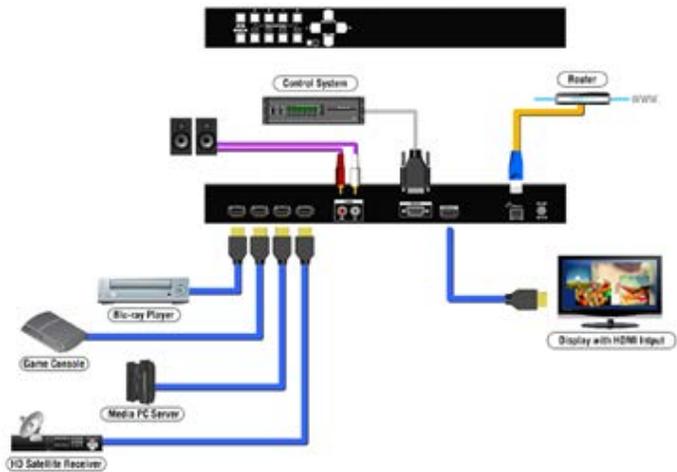
The QuadraVista HM 4K60 accepts up to four HDMI inputs and displays them in quad view on an HDMI monitor. Input resolutions can be interlaced or progressive, from 640×480@60Hz to 1920×1200@60Hz. Output resolutions range from 640×480@60Hz to 4K2K@60Hz.

Users can select from nine default output screen layouts, and up to eight custom layouts can be created and stored by the system.

The output video can also be resized, repositioned, zoomed and panned. One input image can be rotated by +90° or -90°. They can be given borders, titles and backgrounds. Audio from any of the four inputs can be played as well.

Configuration of the unit is controlled through software running on a Windows PC, connected to the QuadraVista HM 4K60 through RS-232 or Ethernet. A 28 key IR remote is used to change display settings “on the fly.” Firmware updates can also be performed through the configuration software.

## Typical Application



- Add multi-screen configurations to your boardroom for improved collaboration and idea sharing
- Use for your digital signage applications to provide multiple video sources on the same display
- Ideal for connecting and switching multiple video sources in test bed facilities, help desk, and video broadcasting facilities
- Monitor multiple video security cameras simultaneously

**Installation** The installation of the QuadraVista HM 4K60 is quick and easy. Using HDMI cables, connect the input video sources and the display monitor to the unit. Power on the QuadraVista. Install the software control program on a Windows PC, and select either RS232 or Ethernet control depending on the PC connection method. The control interface window will open, allowing configuration of the output display settings. An IR remote can also be used to select output resolution and to switch layouts. To play audio from one of the sources, connect speakers to the audio ports on the unit.

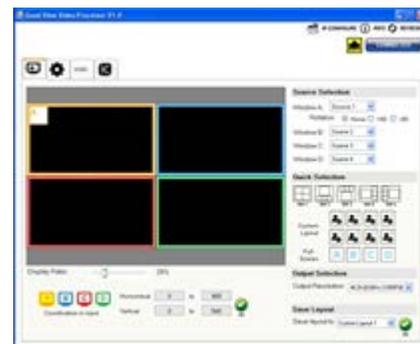
**Operation** The QuadraVista HM 4K60 has two internal default EDIDs, one for HD (1080i/720p@60Hz) and another for Full HD (1080p @ 60 Hz). It is also possible to load a custom EDID from a file. An EDID can be supplied to any individual input or all of the inputs.

## Specifications

<b>Dimensions (W x D x H)</b>	15.4" x 8.8" x 1.7" 390 x 224 x 42 mm
<b>Weight</b>	5.1 lb. (2.3 kg)
<b>Power</b>	100-240 VAC 50-60Hz +12V 5A. 8.9 Watts (max)
<b>Video resolution</b>	HDMI Input: 1920x1200@60Hz HDMI Output: 4K2K@60Hz (4:4:4 8 bits)
<b>Video bandwidth</b>	Input: HDMI [2.25G to 6.75Gbps] Output: Single-link 600MHz [18Gbps]
<b>HDMI compliance</b>	Input: HDMI 1.4 Output: HDMI 2.0a
<b>HDCP compliance</b>	HDCP 1.4
<b>TMDS signal</b>	Input: 1.2 volts [peak to peak]
<b>Audio support</b>	Bypass
<b>Control method</b>	RS-232, Ethernet, IR, Front Panel
<b>Control software</b>	Windows 2000, XP, 7, 8
<b>Default EDID</b>	Full-HD (1080p@60Hz) 24-bit, 2D&2ch HD (1080i/720p@60) 24-bit, 2D&2ch
<b>Connectors</b>	<b>Input:</b> 4 x HDMI Type A (F) 1 x RS-232 DB9F 1 x RJ45 (Ethernet) WE/SS 8p8c <b>Output:</b> 1 x HDMI Type A (F) 2 x 3.5mm stereo audio (L/R)
<b>Environment</b>	Operating temp: 32°F–104°F (0°C–40°C) Storage temp: -4°F–140°F (-20°C–60°C) Relative humidity: 2%–90%, non-condensing
<b>Approvals</b>	FCC Part 15 Class A, CE, WEEE, RoHS

## Part numbers

<b>QV-4x1HM-4K60</b>	QuadraVista HM 4K60
<b>CAB-HDMIMM006</b>	HDMI (M/M) cable 6ft (2.0m)
<b>CAB-HDMIMM010</b>	HDMI (M/M) cable 10ft (3.0m)
<b>CAB-DVIMHDMIM006</b>	DVI(M) to HDMI(M) 6ft (2.0m)
<b>CAB-DVIMHDMIM010</b>	DVI(M) to HDMI(M) 10ft (3.0m)



Software Control Window

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