



The Quadview Video Processor is a simple, cost-effective video scaler designed to enable a true 4K@60Hz UHD, HD, SD video display device, virtually handling any input resolution up to 4K@60Hz. It provides 4 HDMI inputs and 1 HDMI output.

Key Features:

- 4K@60 display output which does full screen/PIP/POP/quadview
- 6 pre-defined screen layouts and extra 8 customized screen layouts which can be modified easily anytime by user
- Input resolution up to 4K@60Hz, 4:4:4 color sampling.
- Output resolution up to 4K@60Hz, 4:4:4 color sampling
- Upscaling up to 4K@60Hz, 4:4:4 color sampling
- Deep Color and HDCP 1.4 / 2.2
- Fast switching between input channels or screen layout modes
- Rotation R90° / L90° or flip output in full screen layout
- Stereo audio output
- Front panel button, IR remote control, RS232/TELNET
- User friendly Web UI control
- USB port firmware upgrade

Technical Specifications:

Product hardware information	
System structure	Pure hardware
Startup	<12 seconds
Input/Output	
Input	4 x HDMI 2.0 with locking
Output	1 x HDMI 2.0 with locking

Technical Specifications (continued):

Image Processing	
Display mode	Full screen, Quad view, PIP, POP
Max input resolution	Up to 3840 x 2160@60Hz, 4:4:4 color sampling
Input resolutions	3840x2160 - 60Hz, 50Hz, 30Hz, 25Hz 1920x1080 - 60Hz, 50Hz, 30Hz, 25Hz 1280x720 - 60Hz, 50Hz, 30Hz, 25Hz 720x480 - 60Hz, 50Hz, 30Hz, 25Hz 480i, 576i - 24Hz to 60 Hz
Output color format	4:4:4, 4:2:2, 4:2:0
Max output resolution	Up to 4K @60Hz, 4:4:4 color sampling
Output resolutions	4096 x 2160p - 60Hz 3840x2160 - 60Hz, 50Hz, 30Hz, 25Hz 3440x1440 - 60Hz 1920x1080 - 60Hz, 50Hz 1920x1200 - 60Hz, 50Hz 1600x1200 - 60Hz 2048x2048 - 57Hz 1280x720 - 60Hz 640x480 - 60Hz
Output color format	4:4:4
Output color depth	8 bpc (24 bit/px)
Scaler	Scaling up to 4K@60Hz, 4:4:4 color sampling and downscaling as well
Video bandwidth	Up to 18 Gbps
HDMI compliance	HDMI 1.4 and HDMI 2.0
HDCP compliance	HDCP 1.4 and HDCP 2.2
Control Methods	
Front panel buttons	4 x select HDMI 1,2,3,4 input and/or audio, 6 x display layout, 1 x Audio Selection, 1 x Panel lock, 1x Standby
IR	1 x IR remote control
RS 232 / Telnet	1 x D9 Female Connector
Ethernet port	1 x RJ45
Web UI	Browser / Compatible with third party control system
Stability	
Running time	24/7 365 days
Firmware	
Possible upgrade	1 x USB 2.0

Technical Specifications (continued):

LED Indicator	
INPUT	Blue backlight
OUTPUT	Blue backlight
PANEL LOCK	Blue backlight
STANDBY on	Red backlight
STANDBY off	Green backlight
Power	
Internal power supply	DC 12V/2A, locking barrel connector
Power consumption	15W
Power adaptor	Universal power adaptor
Environment	
Operating temperature	0°C ~ 45°C
Operating humidity	20% ~ 90% RH
Storage temperature	-20°C ~ 60°C
Physical	
Dimensions	440.4 x 230 x 45 mm (L x W x H, standard 1U)
Fixing components	Rear bracket, footpad and screws
Weight	3.0 kg

Wiring Diagram

