

Physical Specifications

Dimensions (with handles, rack ears & rack mount)

482.6 mm × 50.5 mm × 295.5 mm
Please refer to the dimension diagram for more details.

Product Net Weight (without accessories)

4.65 kg / 10.25 lbs

Shipping Weight (accessories included)

7.70 kg / 16.98 lbs

Electrical Parameters

Power connector: AC100 V~240 V 50/60 Hz
Power consumption: 55 W

Noise on Average (@1, 0.75m height)

Front: 45 dB
Rear: 45 dB

Operating Conditions

Operating Temperature: 0°C to 50°C
Storage Temperature: -10°C to +60°C
Humidity: 0% RH to 85% RH, non-condensing

Safety Compliance

CE FC IC CB RoHS REACH

Packing Information

- 1x Mini DP to DP Cable
- 1x DP Cable
- 1x DVI Cable
- 1x HDMI to DVI Cable
- 1x HDMI Cable
- 1x USB Cable
- 4x Power Cords
- 1x Quick Start Guide
- 1x Certificate of Approval

Note:
Specifications subject to change without prior notice.

4K ViewPro_EN-13/09/2023











4K ViewPro

Real 4K Video Processor

Experience unparalleled performance with the 4K ViewPro, a cutting-edge real 4K video processor designed to exceed your expectations. With an astonishingly low latency of just 1 frame and support for 4K×2K@60Hz video input and output, the 4K ViewPro delivers a seamless and immersive image processing experience like no other.

Built with a robust FPGA system architecture and a high-performance Scalar core, the 4K ViewPro guarantees uncompromising performance and reliability. Its ultra-low latency ensures that you never miss a beat, providing instant and responsive video processing for flawless displays.

With multiple Ultra HD real 4K×2K@60Hz inputs and outputs, it offers unmatched scalability, seamless switching, and efficient signal conversion. Whether you're in high-end rental, stage control, fine pitch LED displays, or broadcasting, the 4K ViewPro is the ultimate solution for your visual needs.

 HDMI2.0	 12G-SDI	 Genlock	 DP1.2	 HDCP 1.4/2.2
 Triple Layers	 4K UHD @ 60Hz	 SuperViewIII Algorithm	 Low Latency	 Web Control





FEATURES



High Performance

The 4K ViewPro is a superior true 4K scaler, converter, and switcher designed to excel in live events, stage shows, and broadcasting scenarios. Powered by PIXELHUE's unique SuperView image processing engine, the 4K ViewPro offers unparalleled quality and performance, setting a new standard in the industry.

The 4K ViewPro can effortlessly handle any signals up to 4K@60Hz 4:4:4 10-bit, delivering the highest quality visuals with minimal latency (as low as 1 frame in appropriate configuration).

As a professional converter, the 4K ViewPro empowers you to seamlessly convert any input signals to a wide range of output formats, supporting HDMI 2.0, DisplayPort 1.2, Dual-Link DVI, and 12G-SDI.

With three layers, including one main layer and two PIPs (Picture-in-Picture), along with a still background and logo support, the 4K ViewPro caters to all your visual needs for live events, stage shows, and broadcasting. Prepare to captivate your audience with stunning visuals and create a truly extraordinary visual experience.

Key Features

- True 4K60p 4:4:4 10-bit video processing
- Superb motion adaptive de-interlacing (MADi) processing
- High-performance new generation SuperView scaler
- Picture in Picture (2 PIPs)
- Still BKG and LOGO management
- Adjustable layer mask, flipping, cropping
- Up to 16 presets
- Strobe function with user-defined duration
- EDID management for all input connectors except SDI

User-Friendly Control

In addition to its intuitive front panel, the 4K ViewPro also offers an elaborated user-friendly web control interface, allowing you to conveniently and comprehensively manage the 4K ViewPro using just a browser. Just say goodbye to complex installations and enjoy hassle-free control.

High Reliability

The 4K ViewPro is built to run all day without a hitch. Assembled and tested for extreme use and abuse, it has passed 35 rigorous tests that include dropping, shocking, vibration, and thermal tests to ensure it can survive in any road trips or event environments, giving you all the confidence you need to execute your shows.

- Support for VESA/CVT and user timings
- Input backup for higher reliability
- Web GUI control
- AOI function
- Input sync with Genlock. Genlock accepts bi-level or tri-level signals
- Flexible output connector rotation (multiples of 90°) for diversified visuals
- Rich test patterns for quick check of display defects
- Interlaced output supported

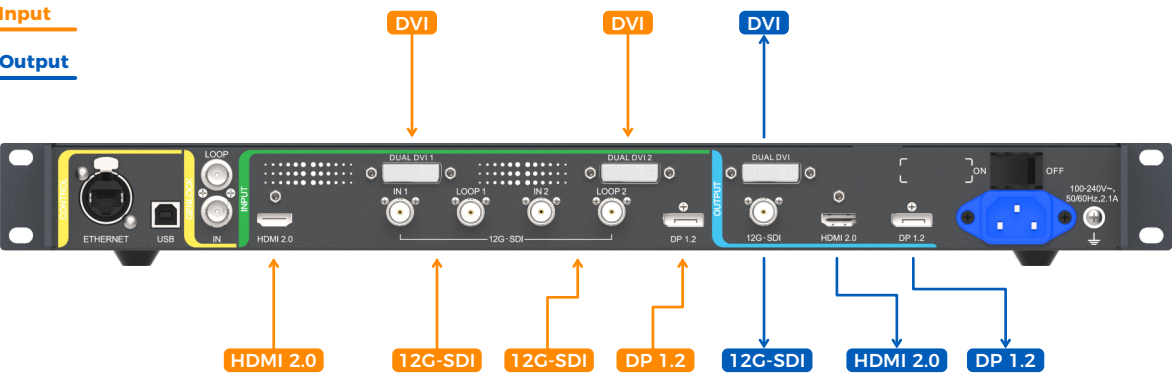
Technical Specifications

Inputs		
12G-SDI	2	<ul style="list-style-type: none">Up to 4K×2K@60Hz 4:2:2 10-bitMax. resolution: 3840×2160@60HzLevel A & BSupport for ST-2082-1 (12G), ST-2081-1 (6G), ST-424 (3G), ST-292 (HD) and SMPTE 259 (SD)Common resolutions<ul style="list-style-type: none">1920×1080i@50/59.94/60Hz1920×1080@30/50/59.94/60Hz3840×2160@30/50/59.94/60Hz
12G-SDI LOOP	2	<ul style="list-style-type: none">Re-driven 12G SDI loop-through outputMax. resolution: 3840×2160@60Hz
HDMI 2.0	1	<ul style="list-style-type: none">Up to 4K×2K@60Hz 4:4:4 8-bitMax. resolution: 4096×2160@60HzHDCP 2.2 compliantBackward compatible with HDMI 1.4 and HDMI 1.3EDID management for VESA, and CVT compliant user timingsCommon resolutions<ul style="list-style-type: none">3840×1080@30/50/59.94/60Hz1920×1080@30/48/50/59.94/60Hz3840×2160@30/60Hz
DP 1.2	1	<ul style="list-style-type: none">Up to 4K×2K@60Hz 4:4:4 10-bitMax. resolution: 4096×2160@60HzHDCP 1.3 compliantBackward compatible with DP 1.1EDID management for VESA, and CVT compliant user timingsCommon resolutions<ul style="list-style-type: none">3840×1080@30/50/59.94/60Hz1920×1080@30/48/50/59.94/60Hz3840×2160@30/60Hz
Dual DVI	2	<ul style="list-style-type: none">Up to 4K×2K@30Hz, clock frequency up to 165 MHz in single-link mode, 300 MHz in dual-link modeMax. resolution: 3840×2160@30HzHDCP 1.4 compliantEDID management for VESA, and CVT compliant user timingsCommon resolutions<ul style="list-style-type: none">3840×1080@30/50/59.94/60Hz1920×1080@30/48/50/59.94/60Hz

Outputs		
HDMI 2.0	1	<ul style="list-style-type: none">Up to 4K×2K@60Hz 4:4:4 8-bitMax. width: 8192 pixelsMax. height: 4096 pixelsSupport for VESA and CVT and user timingsBackward compatible with HDMI 1.4 and HDMI 1.3
DP 1.2	1	<ul style="list-style-type: none">Up to 4K×2K@60Hz 4:4:4 10-bitMax. width: 8192 pixelsMax. height: 4096 pixelsBackward compatible with DP 1.1Support for VESA and CVT and user timings
12G-SDI	1	<ul style="list-style-type: none">Up to 4K×2K@60Hz 4:2:2 10-bitMax. width: 3840 pixelsMax. height: 2160pixelsLevel ASupport for ST-2082-1 (12G), ST-2081-1 (6G), ST-424 (3G), ST-292 (HD) and SMPTE 259 (SD)
Dual DVI	1	<ul style="list-style-type: none">Up to 4K×2K@30Hz, clock frequency up to 165 MHz in single-link mode, 300 MHz in dual-link modeMax. width: 4096 pixelsMax. height: 4096 pixelsSupport for VESA and CVT and user timings

Real 4K

Support resolutions up to 4096×2160@60Hz with mainstream 4K connectors



Dimensions

