

ImagePRO-4K

Scale, convert and switch images for the way shows are created in a 4K world



- **The highest resolutions (4K 60p)**
- **The best color performance (4:4:4 sampling, 10-bit colors).**
- **The lowest latency for a scaler of this class (1 frame, progressive)**

Superb performance

ImagePRO revolutionized live events in 2004. ImagePRO-4K goes even further as it easily scales, converts and switches the highest quality signals without latency (4K, 4:4:4, 60p, 10-bit), effectively solving glitches before they even occur.

The latest I/O connectors enable you to seamlessly convert HDMI 2.0, DP 1.2 and 3G-12G SDI signals while also enabling output image rotation.

Put simply, the flexibility and power of the ImagePRO is the backbone on which you build shows that run without a hitch.

Road-ready and reliable

Like all Barco image processing products, the ImagePRO-4K is built for life on the road. Assembled and tested for extreme use and abuse, the ImagePRO performs just as well at the gig as it does in the shop. What's more, the live-source view on the front panel provides you with a clear view of the incoming signal giving you the confidence you need to execute your event flawlessly.

LED at your fingertips

Need to slice and dice LED signals? The ImagePRO-4K does it with ease. Either chop up single inputs across several connectors, or drive multiple walls from multiple sources. The LED set-up menu will guide you through the process to achieve pixel perfect images. The 12-bit internal processing handles pre-scaling or cropping to an LED wall's actual resolution - in perfect detail.

PRODUCT SPECIFICATIONS**IMAGEPRO-4K**

Live effects canvas	N/A
Video Input	Factory-loaded with a Tri-combo input card -supports 1x HDMI 2.0 4K60p 4:4:4 8bit, 4:2:2 10 bit, 1x DisplayPort 1.2 4K60p 4:4:4 10bit, and 4x 12G SDI 4K60p 4:2:2 10bit or 4x 3G SDI 1200p@60 4:2:2 10bit
Video Output	Factory-loaded with a Tri-combo output Card -supports 1x HDMI 2.0 4K60p 4:4:4 8bit, 4:2:2 10 bit, 1x DisplayPort 1.2 4K60p 4:4:4 10bit, and 4x 12G SDI 4K60p 4:2:2 10bit or 4x 3G SDI 1200P@60 4:2:2 10 bit
Genlock	Analog reference input on BNC connector. -Blackburst and Bi-level at SD, and Tri-level at HD - Reference output is provided by an internal sync generator capable of Bi-level and Tri-level sync signals
Scaled Aux outputs	Up to 6 HD single scaler outputs or 2 4K60p single scaler outputs supporting independent scaling, sizing, and color correction.
Mixers	N/A
Still stores	Up to 100 HD or 25 UHD. Import file is size dependent.
Layer effects	N/A
Multiviewer	Video preview on front panel
Expandability	Future support for 2nd generation Event Master input and output cards (limited functionality on non-Tri-combo cards).
HDCP	HDCP compliance determined by installed cards.
Control	Event Master screen management software for PC or MAC -Event Master controllers, WebUI, Ethernet RJ-45, 1000/100/10 Mbps autosense
Serviceability	Field-Serviceable I/O cards (not hot-swappable)
Noise Level	Estimated 37 dBA Nominal / 45 dBA Max Fan speed is software-managed based on operating temperature. Reference ISO 7779
Dimensions	Height: 1.72" (4.37 cm) 1 RU Rack mount Width: 19.06" (48.41 cm) Incl. rack mount Depth: 15.91" (40.41 cm)
Weight	15.2 pounds (6.8 Kg)
Power	Input power: 100-240 VAC 50/60Hz 125w
Warranty	3 years parts and labor
Environmental temperature	0-40 C (32-104 F)
Environmental humidity	0-95% Non-Condensing

Last updated: 26 Nov 2019

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.