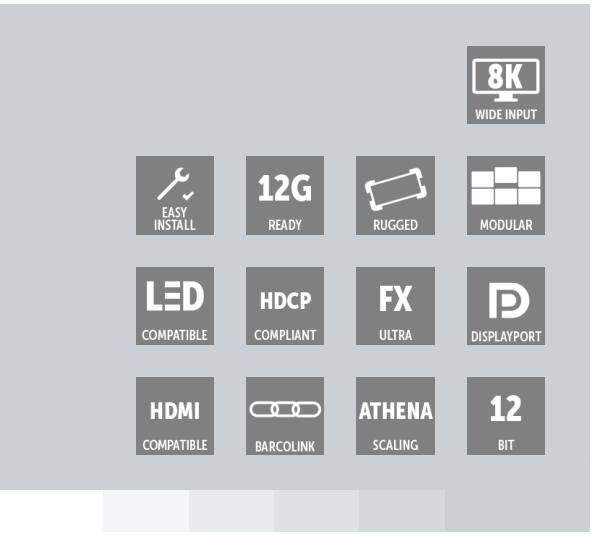
ImagePRO-4K

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	Comes loaded from the factory 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 2x 12G SDI 4K60p 4:2:2 10bit or 4x 3G SDI 1200p@60p 4:2:2 10bit.
Video Output	Comes loaded from the factory 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 2x 12G SDI 4K60p 4:2:2 10bit or 4x 3G SDI 1200p@60p 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 6x HD single scaler outputs or 2x 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	■ front panel menu and mappable buttons ■ 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: 4.37 cm / 1.72" 1 RU Rack mount ■ Width: 48.41 cm / 19.06" Incl. rack mount ■ Depth: 40.41 cm / 15.91"
Weight	6.8 kg / 15.2 lbs
Power	Input power: 100-240 VAC 50/60Hz 125w
Environmental temperature	0-40 C (32-104 F)
Environmental humidity	0-95% Non-Condensing
Warranty	3 years parts and labor

Last updated: 25 Jun 2020

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