

I600-4K15

14,000 ISO lumen, 4K UHD, single-chip laser phosphor projector



- **Most compact & lightweight design in its category**
- **Premium 4K UHD image quality thanks to SuperShift®**
- **Smooth integration in single- and multi-channel set-ups**
- **Next-gen Barco Pulse electronics**

The I600-4K15 is a light-weight high-resolution projector with 4K UHD image quality and 14,000 lm brightness. With its focus on long-lasting image quality, multichannel compatibility and its compact size, this single-chip projection platform is your perfect pick, fit for a wide range of applications requiring high-quality content.

Running on the next generation Barco Pulse electronics and our unique Barco SuperShift® technology, the I600 makes for smoother images and sharper pixels at the lowest latency. The laser phosphor light source ensures exceptional color fidelity and image uniformity.

Having an optional input slot, a black or white chassis, a full range of peripherals, and a large fleet of swappable ILD lenses with variable ratios from 0.37 UST to 7.4:1 long-throw at hand, the I600 platform is tailored to match all your single and multi-channel installation needs.

What's more, the single-chip projector is fully integrated in Barco's Pulse ecosystem which includes various software tools such as Pulse Prospector, Pulse Mobile App, Pulse toolset and Insights Management Suite to enable easier projector control on-site and in the cloud. In addition, I600 owners can benefit from the Barco swap-based service model and global support.

Product specifications**I600-4K15**

| General specifications | |
|-----------------------------|---|
| Notes | The specifications in this document are preliminary |
| Projector type | 4K UHD 1-chip DLP digital projector |
| Technology | 0.8" DMD™ |
| IR for NVG | No |
| Resolution | 3840 x 2400 (4K UHD) 1920 x 1200 (native) |
| Brightness | 14000 ISO lumen |
| Brightness uniformity | >90% |
| Contrast ratio | 1,200:1 |
| Light source | Blue laser phosphor with inorganic phosphor wheel |
| Light source lifetime | 20,000hrs |
| Aspect ratio | 16:10 Native |
| Color space | REC 709 |
| Orientation | 360° rotation no restrictions |
| Sealed DLP™ core | Yes |
| 24/7 operation | Yes |
| Processing | Pulse electronics |
| Color correction | P7 RealColor™ |
| CLO (constant light output) | Yes |
| Keystone correction | Yes |
| Image processing | Embedded warp & blend |
| 3D | Active stereoscopic 3D / Passive stereo compatible Max 4K @120Hz or WUXGA at 240Hz 1xHDMI/1xDP frame sequential or through the optional 4xDP1.2 input board |
| Picture-by-picture | Two sources simultaneously * |
| Lens type | ILD |
| Optical lens shift | Vertical up to 110% depending on lens Horizontal up to 50% depending on lens |
| Throw Ratio | From 0.37 to 7.4 |
| Lens range | ILD lenses -0.37:1 / 0.5:1 / 0.65-0.8:1 / 0.8-1.0:1 / 1.0-1.4:1 / 1.4-2.1:1 / 2.1-4.0:1 / 4.0-7.4:1 |
| Prime lenses | N/A |
| Inputs | HDMI2.1 (HDCP2.2) / DP1.4 / RJ45 Ethernet / USB(5v) / 12V out / BNC 3D sync in-out |
| Optional Inputs | Quad DP1.2 Fiber SFP HDBaseT V3 Input Module DP1.2 HDMI2.0 DUAL HDBaseT Quad 12G (+loop) |
| Input resolutions | Including and up to: 1920x1200@240Hz 3840x2400@120Hz |
| Input color depth | up to 36 bpp |
| Software tools | Projector Toolset + Android app + iOS app + IMS |
| Control | IR RJ45 |
| Network connection | 10/100/1000 Mbit |

Product specifications**I600-4K15**

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|-----------------------|--|
| User interface | LCD touch local keypad remote control wired remote control |
| Web browser | Yes |
| Power requirements | 100-240V / 50-60Hz |
| Power consumption | 1200W Typical |
| Standby power | < 0.5W |
| Noise Level | 40dB(A) |
| Operating temperature | 0°-40°C / 32°-104°F (sea level) |
| Operating humidity | 0% -80% RH (non-condensed) |
| Storage temperature | -20 to 60 °C |
| Storage humidity | 10 -90% RH (non-condensed) |
| Dimensions (WxLxH) | without feet: 504x524x207mm / 19.8 x 20.6 x 8.1in |
| Weight | without lens: < 25 kg /55.1 lbs |
| Standard accessories | Power cord, wireless remote control |
| Housing | Plastic cover |
| Certifications | Compliant with UL60950-1 and EN60950-1 Complies with FCC rules & regulations Part 15 Class A and CE EN55022 Class A RoHS |
| Warranty | Limited 3 years on parts and labor Extendable up to 5 years Service: single swap |
| Blend | horizontal and vertical edge blending |
| * | Supported when using of the optional 4x1.4 DP input board |

Last updated: 26 Apr 2024

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