

Reinventing AV Spaces with Admirable Visual Spectacles

Projectors in today's world are doing more than enhancing viewing experiences. With large venue projectors, AV industry is expanding in terms of image quality, versatility, and immersive storytelling. It is now feasible to communicate with the audiences at the right time through visual projections. In this feature, AV-ICN Expo Magazine brings latest projectors from the pro AV industry, introduced to deliver best-in-class visuals at large venues and edutainment spaces.

BARCO I600 4K15

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 a perfect pick, fit for a wide range of applications requiring high-quality content. I600 makes for smoother images and sharper pixels at the lowest latency.

Main features include:

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

Technical specifications:

- Projector type: 4K UHD 1-chip DLP digital projector
- Technology: 0.8" DMD
- Resolution: 3840 x 2400 (4K UHD), 1920 x 1200 (native)
- Brightness: 14000 ISO lumen
- Contrast ratio: Full field 1500:1; Barco DynaBlack 10,000:1
- Light source lifetime: 20,000hrs
- Aspect ratio: 16:10 Native
- Color space: REC 709
- Orientation: 360° rotation no restrictions
- 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



Christie 4K22-HS

Christie 4K22-HS stands out with bright, impressive visuals as the 22,500-lumen, high-performance projector. The 4K22-HS delivers deeper blacks and more natural and realistic onscreen visuals thanks to Christie BoldColor+ technology. Using onboard Christie Twist warping and blending, users can quickly and easily set up and align irregular screens and multi-projector displays.

Main features include:

- The first 4K UHD 1DLP projector on the market with 22,500 ISO lumens/19,000 ANSI lumens
- RealBlack technology to produce the deepest possible black onscreen by completely turning off the laser light when displaying black scenes
- Compatible with Christie Mystique automated camera-based alignment and recalibration software
- Compatible with Christie Intelligent Camera (CIC) – Use CIC to trigger autofocus, automatically calibrate projector color, optimize color uniformity, and more

Technical specifications:

- ISO lumens: 22,500
- Color wheel: 3 Segment (RGB) - 4X speed
- Contrast ratio: 4,000,000:1 with Christie RealBlack
- Illumination performance (hrs): 20,000 hours to 50%



Digital Projection M-Vision 27000 WU

Outputting 27,000 ISO lumens, the M-Vision 27000 WU is the brightest single-chip laser projector on the market and excels in environments with high ambient light. The all-new projector is 14.8% brighter and 9.2% lighter than its predecessor, with environmental considerations taken into account at every stage with a 23.8% light efficiency improvement over the previous model.

Main features include:

- 27,000 ISO / 24,000 ANSI Lumens
- WUXGA Resolution
- 10,000:1 Dynamic Contrast
- ColorBoost + Red Laser Technology
- Sealed Optics

Technical specifications:

- Display Type: 1 x 0.96" DarkChip 3 DMD
- DMD Specification: 1920 x 1200 pixels native display
- DisplayPort 1.2 with HDCP 2.2 compliance
- 10-bit colour processing (30-bits per pixel)
- Support for 1080p 24Hz native display
- Support for 4K 4096 x 2160 resolution
- Aspect Ratio: 16x10
- HDBaseT Interface: Built in support for transmission of uncompressed high-definition video over standard CAT5e/6 LAN cable
- HDBaseT Includes Ethernet 100BaseT and RS232/IR control



NEC PV710UL

A highly economical projection solution, the PV710UL offers essential installation flexibility, low maintenance and long-life laser performance, yet remains impressively cost-efficient and conveniently compact. 3LCD technology generates brilliantly vivid colour, which, at 7100 Lm brightness, promotes an outstanding visual perception.

Main features include:

- Great performance without compromising on quality and ease of use.
- Low noise level with 31dB, the silent technology will not disturb your meeting.
- Impressive vivid colour & contrast with brilliant white and wide colour space with high dynamic contrast.

Technical specifications:

- Projection Technology: 3LCD Technology
- Native Resolution: 1920 x 1200 (WUXGA)
- Aspect Ratio: 16:10
- Contrast Ratio: 3000000:1
- Brightness: 7100 Lm Normal / 7400 Lm Center / 6400 Lm Silent Mode
- Laser Light Source: 20000
- Frequency: Horizontal: analog: 0-0 kHz, digital: 15/24-100 kHz; Vertical: 50 – 120 Hz
- Dimensions (W x H x D) [mm]: 499 x 164 x 407 (without lens and feet)
- Power Supply: 100-240 V AC; 50 - 60 Hz



Panasonic PT-MZ882

The light and compact MZ882 Series works efficiently, as the main projector unit contains about 10%1 recycled plastics, reducing its environmental impact, while the refined optical engine boosts brightness over the MZ880 Series without increasing consumption.

Main features include:

- Eco-conscious design includes recycled materials
- Bright and sharp for comfortable viewing
- Streamlined workflow and smooth UX

Technical specifications:

- Pixels: 2,304,000 (1920 x 1200) pixels x 3
- Resolution: WUXGA (1920 x 1200 pixels)
- Light source: Laser diodes
- Light output: 8,200 lm2 / 8,200 lm (ANSI)3
- Time until light output declines to 50%: 20,000 hours (Normal/Quiet), 24,000 hours (ECO)
- Contrast Ratio: 3,000,000:1 (Full On/Full Off)
- HDMI IN: HDMI x 3 (Deep Colour, compatible with HDCP 2.3, 4K/60p signal input), CEC supported
- Maximum Power Consumption: 465 W (5.0-2.0 A) (475 VA)
- Operating environment: Operating temperature: 0-45 °C (32-113 °F)9, operating humidity: 20-80 % (no condensation)



Vivitek DU7099Z

The DU7099Z laser projector by Vivitek, offers a low total cost of ownership and delivers tremendous value for companies. The DU7099Z ensures superior visibility with 7,600 ANSI lumen brightness and true-to-life colours within the rec. 709 colour space, all while operating quietly at 33dB.

Main features include:

- .67" DLP and BrilliantColor technology
- Powered Lens Control with Lens Positioning Memory (LPS)
- Low power consumption designed to reduce energy costs
- Constant Brightness for extend light source life & easy blending
- 360° free installation and multiple geometric adjustments
- Built-in Speaker 10w x2
- HDBaseT interface for the transmission of high quality audio and video (4K) data over 100M

Technical specifications:

- Native Resolution: WUXGA (1920 x 1200)
- Max. Supported Resolution: 4K-UHD (3840 x 2160) @60Hz
- Brightness: 7600 ANSI Lumens
- Contrast Ratio: 20,000:1
- Native Aspect Ratio: 16:10
- Lamp Life: Laser light source lasts up to 20,000 hours
- Display Type: Single chip DLP Technology by Texas Instruments

