



E-Vision 12000i 4K+

12,000 ISO / 10,800 ANSI Lumens

HEP Digital Projector - LASER

Contrast Ratio: 3,000,000:1 (Dynamic Black)

Part Number: 124 - 459



PRELIMINARY SPECIFICATION FOR REFERENCE ONLY.
SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. EXPECTED
Q4/2025 PRODUCT LAUNCH.

Key Features

Picture performance & Colour Processing

- DLP® and BrilliantColor™ for high-performance projection
- High Brightness and Contrast: 12,000 lumens and 3,000,000:1 contrast ratio
- Wide Color Gamut: HDR10, REC 709 >93%
- 10-bit colour processing (30-bits per pixel) 1,073,741,824 colours
- Powerful seven-point colour correction for accurate colour matching

Light Source & Reliability

- Laser Light Source for stable, high-quality projection
- 20,000-hour light source life (In normal mode) / 30,000 hour (in Eco Mode) for consistent, maintenance-free performance and a lower total cost of ownership
- Optical engine sealed to IP6X

Installation Flexibility

- Motorised image Shift Zoom and Focus, HV Keystone, and 4-corner adjustments
- Portrait and 360° Projection: Supports installation at various angles (e.g. 90° setups)
- Seamless projection with built-in edge blending and warping
- Usage time and power level locks Light Source & Reliability
- Eight optional Lenses available- Throw Ratio: 0.31 – 6.94:1

Connectivity

- Offers versatile connectivity for easy integration with various devices
- Input source recognized automatically
- HDBaseT™ interface support enables uncompressed HD video, control, and Ethernet over a single CAT5e/6 cable up to 100m

Projector LAN Control

- Includes free Digital Projection Controller II software
- Simultaneous control of user-defined groups of projectors.

Specifications:

Colour System	Laser Phosphor with Color boost (Red Laser). Phosphor wheel: 2 x 7200rpm (120Hz) Colour wheel: 8 Segment RBGYRBGY 2 x 7200rpm (120Hz)
Display	Single Chip 0.8" HEP DLP Technology by TI
DMD Specification	4K+ (3840x2400) (Native: 1920 x 1200) Fast transit pixels for smooth greyscale and improved contrast.
Maximum Resolution	4096 x 2160 @60Hz (Supported)
Contrast Ratio	1,300:1 (Native) / 20,000:1 (Dynamic) 3,000,000:1 (Full On/Off)
Laser Life/Type	Up to 30,000 hr. (Eco Mode) / Dual Laser Technology
Throw Ratio	0.31 – 6.94:1 (Eight Lens range)
Image Size (Diagonal)	50" - 600" (Eight Lens range)
Projection Distance	0.38m – 54.80m (Eight Lens range)
Projection Lens	F = 1.85 - 2.48 (Eight Lens range)
Zoom Ratio	1.06x – 1.55x (Eight Lens range)
Aspect Ratio	16:10 (Default)
Offset	Motorized Lens Shift
Lens Shift Range	Vertical: ±60%, Horizontal: ±20%
Keystone Correction	Horizontal ±60°, Vertical ±40° (Adjustable Range of Single Direction)
Horizontal Frequency	23.674 ~ 135 kHz
Vertical Scan Rate	23.98 ~ 85.06 Hz
Edge Blending	Yes (Built-In)
Warping	Yes (Built-In)
3D Functionality	N/A
Computer Compatibility	VGA, FWVGA, SVGA, XGA, XGA+, WXGA, SXGA-, SXGA, FWXGA, WXGA+, SXGA+, HD+, UXGA, WSXGA+, FHD, WUXGA, QWXGA, WQXGA, Mac
Video Compatibility	720p, 1080i, 1080p, up to 60Hz 4K-UHD 3840 x 2160 up to 60Hz Supports 4096 x 2160 up to 60Hz
I/O Connection Ports	HDMI v2.0 x2(HDCP v2.2 Compliant), Display Port 1.2 x2, 12G SDI-In/Out, 3D Sync In/Out, RS232-In /Out, 12V/350mA Trigger x8, Wired Remote In/Out, USB-A5V1.5A, HDBaseT™x1 (VS2000), LAN (RJ45) x1
Projection Method	Tabletop, Ceiling Mount, Portrait (Front or Rear)
Dimensions (LxWxH)	598mm x500mm x 218mm w/o foot
Weight	29.4kg
Available Colours	Black
Noise Level	36 dB / 35dB (Normal / Eco Mode)
Power Supply	AC 100-240V, 50/60Hz
Power Consumption	Normal: 720W@22W AC
Standard Accessories	AC Power Cord, Remote Control w/Batteries, Documentation Kit



0.8" HEP DMD



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