

E-Vision 6900 WUXGA Black (Preliminary)

5,750 ANSI / 6,500 ISO Lumens | Contrast Ratio: 2,000:1 (Dynamic Black) 1,000:1 native | Part No:118-044

E-VISION 6900 SERIES
DIGITAL PROJECTORS



THE VISIONARIES CHOICE

Colour System:

4-segment (RGBW) colour wheel for high brightness (as standard)

6-segment (RGBCMY) colour wheel for enhanced colour (optional extra)

Display Type:

1 x 0.67" DarkChip™ DMD™

DMD Specification:

1920 x 1200 pixels native, +/- 12° tilt angle
Fast transit pixels for smooth greyscale and improved contrast.

Aspect Ratio:

16x10

Fill Factor

87%

Key Features

Video & Graphics Processing

- HDMI 1.4a for Side by Side, Frame Packing, Frame Sequential and Top Bottom 3D formats.
- Dual and Triple Flash Processing can be used to multiply the displayed frame rate for 24p 3D sources.
- Synchronisation of active glasses.
- 24p and 1080p native display.

Geometry Correction

- Horizontal & Vertical Keystone.
- Scaling for fixed aspect ratio screens.

HDBaseT® Interface

- Built in support for reception of uncompressed High Definition Video over standard CAT5e/6 LAN cable.
- Allows the projector to be placed up to 100m from the source with low cost cabling.

Colour Processing

- Powerful colour correction for accurate colour matching.

Projector Controller Software

- Intuitive user interface for network control.
- Simultaneous control of user-defined groups of projectors.
- At-a-glance monitoring of projector status.

Source Compatibility:

HDMI including Deep Color™ processing.

Graphics standards up to 1920 x 1200 resolution at 60Hz via HDMI, DVI-D, HDBaseT or VGA

Component Video (SD and HD) via RGBHV.

Inputs/Outputs

Video & Computer

Type	Connector	Qty
DVI-D 1.0	DVI	1
HDMI 1.4a	HDMI	2
VGA / Analog RGB	15-pin D-Sub	1
Monitor Out	15-pin D-Sub	1
Component Video	5 x BNC	1
HDBaseT (see LAN)	RJ45	1

Communication & Control

Type	Connector	Qty
3D Sync In	BNC	1
3D Sync Out	BNC	1
LAN	RJ45	1
RS232	9-pin D Sub	1
Wired Remote	3.5mm Stereo Jack	1
12V Trigger	3.5mm Stereo Jack	1
Service Port	USB Type B	1

NOTE: The LAN port is shared with HDBase-T.

3D Formats Supported

Frame Packing
Frame Sequential
Side by Side (half)
Top and Bottom

HDTV Formats Supported

1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz)
1080i (50Hz, 60Hz)
720p (50, 60Hz)

Computer Compatibility

Up to 1920 x 1200

Bandwidth

165 MHz on analog RGB
165 Megapixels per second on HDMI

Remote Control

Addressable IR Remote Control, wireless and wired.
On-board keypad.

Automation Control

Crestron RoomView® Connected
LAN
RS232
AMX (Device Discovery)
Served web page

Colour Temperature

5400 to 9300K

Lamp Type

2 x 300W

Typical Lamp Life

Normal Mode: 3000 hours
Eco Mode : 4000 hours

Lenses

Lens	Part No.	Focus Range	Lens Shift
0.38 :1 fixed	117-341	0.68m - 2.44m	none
0.76 :1 fixed	112-499	0.81m - 5.08m	none
0.75 - 0.93 :1 zoom	115-339	1.02m - 12.7m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
1.25 - 1.79 :1 zoom	112-500	1.33m - 11.73m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
1.72 - 2.27 :1 zoom	112-501	1.83m - 14.9m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
2.22 - 3.67 :1 zoom	112-502	2.36m - 24.2m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
3.58 - 5.38 :1 zoom	112-503	3.8m - 35.35m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
5.31 - 8.26 :1 zoom	112-504	5.59m - 54.8m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame

Lens Mount

Motorised and programmable shift, zoom and focus.
Intelligent Lens Memory with 10 user-definable preset positions (except UST lens).

Mechanical Mounting

Front/Rear Table
Front/Rear Ceiling
Adjustable Front/Rear Feet

Orientation

Table Top or Inverted: Yes
Pointing Up: Yes
Pointing Down: Yes
Roll (Portrait): +/-10° from horizontal

Power Requirements

Power Consumption

100-240VAC 50/60Hz single phase

Typical 693W @ 220VAC in Normal mode
Typical 554W @ 220VAC in ECO mode
Typical 724W @ 110VAC in Normal mode
Typical 574W @ 110VAC in ECO mode

Thermal Dissipation

Typical 2378 BTU/Hour @ 220VAC in Normal mode
Typical 1901 BTU/Hour @ 220VAC in ECO mode
Typical 2484 BTU/Hour @ 110VAC in Normal mode
Typical 1969 BTU/Hour @ 110VAC in ECO mode
BTU/Hour

Fan Noise

Normal mode: 38 dBA max, 36 dBA typical
Eco mode: 32 dBA max, 30dBA typical

Operating/Storage Temperature

Operating: 5 to 40C (41 to 104F)
Operating: 40 to 45 C (104 to 113F) with reduced light output.
Storage: -20 to 60C (-4 to 140F)

Operating Humidity

10% to 85%, relative, non-condensing

Weight (Chassis Only)

20 kg
44.1 lb

Dimensions

L: 46.5cm W: 51.0cm H: 21.6cm
L: 18.3in W: 20.1in H: 8.5in

Safety & EMC Regulations

CE, CB, FCC Class B, UL / cUL, CCC, CECP, RoHS
IEC EN 62471-5 RG2 (with std lens)

Accessories

Accessory	Part No.
Infrared Remote (replacement)	117-780
Replacement Lamp (single, requires 2 per projector)	118-047
Replacement Filter Module (requires one per projector)	118-046
6-segment (RGBCMY) colour wheel (enhanced colour)	118-452

**Dimensions included for reference only and are subject to change. Please download the full set of CAD files for this display for more accurate information.*

Downloads

[User Guides](#)



Certificate Number 13629
ISO 9001