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E-Vision 6220 4K-UHD

Brightness: 6,500 ISO / 5,700 ANSI | Contrast: 3,000,000:1 (Dynamic Black) | Part Number: 124-452

TECHNICAL CONFIGURATION

Display Type:	1 x 0.67" DarkChip™ DMD™
DMD Specification:	Display capability up to 4K-UHD. 8.3 megapixels on screen at 4K-UHD (3840 x 2160). Fast transit pixels for smooth greyscale and improved contrast.
Aspect Ratio:	UHD
Fill Factor:	Not applicable: Smooth Picture DMD™
Colour System:	Laser Phosphor with colourwheel
Colour Temperature:	3200K to 9300K
Illumination type:	Laser Light Source
Illumination life:	30,000 hours
Video Processing:	**Video & Graphics Processing** • HDR processing • Two projectors in one - 4K-UHD and WQXGA+. • DisplayPort 1.2. • 2 x HDMI 2.0. • 2 x HDMI 1.4b for Dual Pipe processing and Frame Sequential 3D format. • Sequential Processing: 3D via single HDMI 1.4b input. • Dual Pipe Processing: 3D Left and Right Eyes via two HDMI 1.4b inputs. • Synchronisation of active glasses. • 3G-SDI with loop-through.

	• DICOM simulation mode. **Geometry Correction** • Cornerstone, Vertical & Horizontal Keystone, Pincushion & Barrel, Arc and Image Rotation. • Non-linear warp. • Digital zoom, pan and scan. • Blanking control for custom input window sizing. • Scaling available for fixed aspect ratio screens. • Unscaled processing for pixel mapped display. **Edge Blending** • Blending control available for all sides with width control. • Correction for non-active pixels at the edge of the display. **Picture in Picture** • Two sources can be displayed simultaneously using 2D inputs: either picture in picture (PIP), or side by side (PBP), with original aspect ratios maintained. **HDBaseT® Interface** • Built in support for reception of uncompressed High Definition Video over standard CAT5e/6 LAN cable. • Allows projector to be placed up to 100m from source with low cost cabling. • Supports up to 4K UHD 3840 x 2160@60Hz 4:2:0 or 4K UHD 3840 x 2160@30Hz 4:4:4 **Colour Processing** • Four colour modes available. • Powerful seven point colour correction for accurate colour matching with presets. • Easy colour temperature selection. • Manual seven point colour adjustment. • Traditional lifts and gains. **Projector Controller Software** • Intuitive user interface for network control. • Simultaneous control of user-defined groups of projectors. • At-a-glance monitoring of projector status. **Projector Automation** • Real-time clock provides daily on/off automation. • E-mail alerts for system status.
Source Compatibility:	2D graphics standards up to 4K-UHD 3840 x 2160 resolution at 60Hz via HDMI 2.0, HDBaseT (4:2:0) and DisplayPort inputs. 3D graphics standards up to WQXGA at 120Hz DualPipe via HDMI 1.4b inputs. 3GSDI is SMPTE 292M, SMPTE 259M-C and SMPTE 424M compliant. **WQXGA+ mode** 2D sources up to WQXGA+ at 120Hz can be displayed scaled to fit WQXGA+. 3D sources up to WQXGA at 120Hz can be displayed scaled to fit WQXGA+. **4K-UHD mode** 2D sources up to 4K-UHD will be displayed scaled to fit 4K-UHD. **Auto mode** Sources greater than WQXGA+ will be displayed scaled to fit 4K-UHD. Sources up to WQXGA+ will be displayed scaled to fit WQXGA+.

HDTV Formats:	1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz, 100Hz, 120Hz) 1080i (50Hz, 60Hz) 720p (50, 60Hz) 2K (24Hz, 25Hz, 30Hz, 50Hz, 60Hz) 4K-UHD (24Hz, 25Hz, 30Hz, 50Hz, 60Hz)
Computer Compatibility:	**2D** 4K-UHD up to 60Hz. WQXGA+ up to 120Hz. **3D** Supported formats will be displayed within WQXGA+.
3D Compatibility:	Frame Sequential Dual-Pipe
Lens Control:	Manual focus and zoom
Mechanical Mounting:	Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet
Orientation:	Pointing Up: Yes Pointing Down: Yes Roll Portrait: Yes Tabletop Inverted: Yes
Dimensions:	L: 38.0 cm x W: 49.6 cm x H: 16.0 cm L: 14.9 in x W: 19.5 in x H: 6.2 in
Weight:	13 kg (28.7 lb)
Remote Control:	Addressable IR remote control, wireless and wired. On-Board keypad
Automation Control:	Crestron RoomView® Connected PJLink Class 1 LAN RS232 AMX (Device Discovery) Served web pages (projector status, projector control, Crestron RoomView®, network settings, alert mail setup, time setup, error log, On Screen Display)
Power Requirements:	100-130VAC and 200-240VAC selectable, 50/60Hz single phase
Power Consumption:	950 W @220 Vac (1000 W @110 Vac)
Thermal Dissipation:	Max 3139 BTU/hour @100 VAC Max 3002 BTU/hour @240 VAC
Fan Noise:	35 dB / 31dB (TBD)
Temperature:	Operating: 5 to 40C (41 to 104F) Storage: -10 to 60C (14 to 140F)
Operating Humidity:	10 to 85% non-condensing
Safety:	CE, FCC Class A, CCC, UL/cUL, FDA CB, KC, CEL, CECP
Product URL:	https://www.axiondisplays.com/brands/digital-projection/projectors/e-vision/e-vision-6220-4

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Bandwidth:	498 megapixels per second via DisplayPort and HDMI 2.0.

Inputs / Outputs

Input	Connector	Qty
DisplayPort 1.2 (2D)	DisplayPort	1
HDMI 1.4b (3D)	HDMI	2
HDMI 2.0 (2D)	HDMI	2
3G-SDI in (2D)	BNC	1
3G-SDI out	BNC	1
HDBaseT (see LAN) (2D)	RJ45	1

Communication and Control

Connection	Connector	Qty
3D Sync Out	BNC	1
3D Sync In	BNC	1
LAN	RJ45	2
RS232	9-pin D Sub	1
Wired Remote	3.5mm Stereo Jack	1
12V Trigger	3.5mm Stereo Jack	2
3D Sync IR Out	BNC	1
NOTE: One of the LAN ports is shared with HDBase-T.		

Available Lenses

Lens Name	Part #	Focus Range	V-Shift	H-Shift
1.15 - 1.9:1	124-525	1.515m - 6.429m	V: Above +122%, H: Above +/-2%	
0.5:1	124-526	1m - 1.8m	V: Above +122%, H: Above +/-2%	
0.8 - 1.2:1	124-527	1.41m - 5.41m	V: Above +122%, H: Above +/-2%	

CONTACT US FOR A QUOTE
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Specifications are subject to change without notice. All values are typical. Actual product appearance, colors, and features may vary.