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E-Vision 22000i 4K+



Brightness: 21,500 ISO / 19,000 ANSI | Contrast: 20,000:1 (Dynamic Black) | Part Number: 124-471



TECHNICAL CONFIGURATION

Brightness:	21,500 ISO / 19,000 ANSI
Contrast:	20,000:1 (Dynamic Black)
Colour System:	Laser Phosphor with Colorboost (Red Laser). Phosphor wheel: 2 x 7200rpm (120Hz) Colour wheel: 8 Segment RGBYRGBY 2 x 7200rpm (120Hz)
Computer Compatability:	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA, WQXGA
Mechanical Mounting:	Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet Ceiling Mount compatible chassis with 6 off M4*0.7 mounting holes available, Maximum screw length 16mm
Dimensions:	L: 598mm x W: 500mm x H:218mm L: 23.54 inch x W: 19.68 inch x H: 8.58 inch
Lamp Type:	Laser Phosphor. ECO mode support (80% Brightness)
Typical Lamp Life:	20,000 hours
Colour Temperature:	User selectable (3200K / 5400K / 6500K / 7500K / 9300K / Native)
HDTV Formats:	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i, 1080p), NTSC (M, 3.58/4.43 MHz), PAL (B,D,G,H,I,M,N), SECAM (B,D,G,K,K1,L) Display Support for 2K 2048 x 1080 up to 60Hz and 4K-UHD 3840 x 2160 up to 60Hz
Remote Control:	Infrared Remote Control Unit

Automation Control:	LAN - Webpage control TCP/UDP control RS-232 Alert Mail for Projector LAN Control-Crestron® Connected LAN Control-PJ Link Class 1 compatible LAN Control-AMX® Device Discovery Art-Net (DMX) control
Temperature:	Operating: 0 to 40 °C (32 to 104 °F) Force ECO over 35°C (95°F)
Operating Humidity:	90% (with maximum temperature of 35°C (95°F))
Fan Noise:	Typical 44dB, max 46dB in Normal mode Typical 39dB, max 41dB in ECO mode
Power Requirements:	100-240VAC 50/60Hz single phase
Power Consumption:	at 110VAC - typical 1100 W, max 1200 W in Normal mode at 110VAC - typical 900 W, max 1000 W in Eco mode at 110VAC - typical 900 W, max 1000 W in High Altitude mode at 220VAC - typical 1200 W, max 1400 W in Normal mode at 220VAC - typical 900 W, max 1100 W in Eco mode at 220VAC - typical 900 W, max 1100 W in High Altitude mode
Thermal Dissipation:	at 110 VAC: typical 3753 BTU/hr, max 4095 BTU/hr in Normal mode at 110 VAC: typical 3071 BTU/hr, max 3412 BTU/hr in ECO mode at 110 VAC: typical 3071 BTU/hr, max 3412 BTU/hr in High Altitude mode at 220 VAC: typical 4095 BTU/hr, max 4777 BTU/hr in Normal mode at 220 VAC: typical 3071 BTU/hr, max 3753 BTU/hr in ECO mode at 220 VAC: typical 3071 BTU/hr, max 3753 BTU/hr in High Altitude mode
Safety:	cTUVus, CB report, CCC (China), CECP (China Energy Conservation Program), China RoHS, FCC part 15 Class A, FDA 21 CFR part 1040 (Except with respect to those characteristics authorised by Variance Number 2021-V-0192, CE (European Economic Area), UKCA (United Kingdom), KC (Korea), BSMI (Taiwan), RCM (Australia), IEC 60825-1 : 2014 - Class 1 Laser Product, IEC EN 62471-5:2015 - Risk Group 2 This projector may become Risk Group 3 when an interchangeable lens with a throw ratio of greater than 1.94:1 is installed Such combinations of projector and lens are intended for professional use only and are not intended for consumer use.
3D Compatibility:	Off Auto Side by Side Top and Bottom Dual Pipe Frame Sequential

Source Compatibility:	12G-SDI, Supports a high data transfer rate of up to 12 gigabits per second (Gbps), enabling the transmission of uncompressed 4K UHD (Ultra High Definition) video signals with a single connector Graphics standards up to WUXGA 1920 x 1200 - 120Hz RB, Up to WQXGA 2560 x 1600 60Hz RB (DisplayPort) Video standards including HDTV 1080p - 60Hz and 4K-UHD (3840 x 2160) 60Hz Support for colour gamuts up to P3
Video Processing:	Video & Graphics Processing • Nexus electronics platform • Support 3840 x 2160 display resolution • HDMI 2.0 • DisplayPort 1.2 • 10-bit colour processing (30-bits per pixel) 1,073,741,824 colours • Hue, Saturation and Gain colour management. • 24p and 1080p native display. • HDR support • Input source automatically detected • Selectable Dynamic Black • DICOM simulation mode • Optics engine sealed to IP6X Geometry Correction • Vertical & Horizontal Keystone correction • Four Corner adjustment • Rotation -100 to +100 with +/- 0.25° per step • Selectable aspect ratios: 5:4 / 4:3 / 16:10 / 16:9 / 1.88 / 2.35 / TheaterScope / Source / Unscaled • Digital Zoom 0% ~ 100% • Blanking control for custom input window sizing. • Scaling for fixed aspect ratio screens. 16:10 / 16:9 / 4:3 / 2.35:1 • Custom warp Edge Blending • Correction for non-active pixels at the edge of the display. HDBaseT® Interface • Built in support for transmission 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. • HDBaseT® Includes Ethernet 100BaseT and RS232/IR control. Colour Processing • Powerful seven point colour correction for accurate colour matching. Projector LAN Control • Free Digital Projection Projector Controller II software • Intuitive user interface for network control.

- At-a-glance monitoring of projector status.
- Simultaneous control of user-defined groups of projectors.

Display Type:	1 x 0.8" HEP DMD™ (High Efficiency Pixel)
Orientation:	Pointing Up: Yes Pointing Down: Yes Roll Portrait: Yes Tabletop Inverted: Yes
Lens Mount:	Centred lens for installation flexibility Motorised and programmable shift, zoom and focus. Intelligent Lens Memory with 10 user-definable preset positions (except UST lens).
Weight:	kg: 30 lb: 66.1
DMD Specification:	1920 x 1200 pixels native display. (3840 x 2400 via 4-way pixel shift technology) Fast transit pixels for smooth greyscale and improved contrast.
Aspect Ratio:	WUXGA
Fill Factor:	87%

Inputs / Outputs

Input	Connector	Qty
HDMI 2.0b	HDMI	x 2
Display Port 1.2	DisplayPort	x 2
12G SDI IN	BNC	x 1
12G SDI OUT	BNC	x 1
HDBaseT	8P8C "RJ45"	x 1

Communication and Control

Connection	Connector	Qty
LAN / Art-Net	EtherCON RJ45	1
HDBaseT/Ethernet/RS232/IR	RJ45	1
Serial In RS-232C	9-pin D-Sub	1
Serial Out RS-232C	9-pin D-Sub	1
Wired Remote In	3.5mm Stereo Jack	1
Wired Remote Out	3.5mm Stereo Jack	1
12V Trigger 12V 350mA	3.5mm Stereo Jack	1
USB Power out 5V/2A	USB Type A	1

Available Lenses

Lens Name	Part #	Focus Range	Lens Shift
0.31 - 0.33 :1 UST zoom (90° Type)	124-318	TBD	Vert: 0.5 (U) 0.5 (D) frame, Hor: None (L) None (R) frame
0.55 - 0.75 :1 zoom	124-319	2.03m - 7.62m	Vert: 0.5 (U) 0.5 (D) frame, Hor: 0.15 (L) 0.15 (R) frame
0.74 - 1.08 :1 zoom	124-320	1.52m - 10.16m (mech 1.27m - 12.7m)	Vert: 0.5 (U) 0.5 (D) frame, Hor: 0.15 (L) 0.15 (R) frame
1.05 - 1.41 :1 zoom	124-321	1.52m - 12.7m	Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.2 (L) 0.2 (R) frame
1.4 - 2.11 :1 zoom	124-322	1.52m - 12.7m (mech 1.27m - 15.24m)	Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.2 (L) 0.2 (R) frame
2.1 - 4.0 :1 zoom	124-323	1.52m - 12.7m	Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.2 (L) 0.2 (R) frame
3.9 - 7.0:1 zoom	124-446	4.30m - 90.57m	Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.2 (L) 0.2 (R) frame

CONTACT US FOR A QUOTE

Email: sales@axiondisplays.com | Phone: +49 172 5390360

Web: www.axiondisplays.com | Address: Axion Displays GmbH, Kammweg 80/1, 72762 Reutlingen, Germany

Specifications are subject to change without notice. All values are typical.

Actual product appearance, colors, and features may vary.