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E-Vision 22000i 4K+

THE VISIONARIES CHOICE



E-Vision 22000i 4K+

21,500 ISO / 19,000 ANSI Lumens | Contrast Ratio: 20,000:1 (Dynamic Black) | Part Number: 124-470

Key Specifications:

Colour System:	Laser Phosphor with Colorboost (Red Laser). Phosphor wheel: 2 x 7200rpm (120Hz) Colour wheel: 8 Segment RGBYRGBY 2 x 7200rpm (120Hz)
Display Type:	1 x 0.8" HEP DMD™ (High Efficiency Pixel)
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:	16x10
Fill Factor	87%
Key Features:	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.

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+ (3840 x 2400) 60Hz

Support for colour gamuts up to P3

Inputs/Outputs

Video & Computer		
Type	Connector	Qty
HDMI 2.0b	HDMI	x 2
Display Port 1.2	DisplayPort	x 2
12G SDI IN	BNC	x 1

	12G SDI OUT HDBaseT	BNC 8P8C "RJ45"	x 1 x 1																												
	Communication & Control																														
	Type	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																												
3D Formats Supported	N/A																														
HDTV Formats Supported	EDTV (480p, 576p), HDTV (720p, 1080i, 1080p), 4K+ (3840 x 2400), DCI 4K (4096 x 2160)																														
Computer Compatibility	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA, WQXGA																														
Bandwidth																															
Remote Control	Infrared/Wired 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																														
Colour Temperature	User selectable (3200K/ 5400K / 6500K / 7500K / 9300K / Native)																														
Operation																															
illumination Type	Laser Phosphor. ECO mode support (80% Brightness)																														
Typical illumination Life	20,000 hours																														
Lenses	<table> <tr> <th>Lens</th><th>Part No.</th><th>Optimised Focus Range*</th><th>Lens Shift (Frame)</th></tr> <tr> <td>0.31 - 0.33:1 zoom</td><td>124-318</td><td>0.38 - 3.01m</td><td>Vert: +/- 50% Hor: +/- 20%</td></tr> <tr> <td>0.55 - 0.75:1 zoom</td><td>124-319</td><td>0.69 - 6.58m</td><td>Vert: +/- 50% Hor: +/- 20%</td></tr> <tr> <td>0.74 - 1.08:1 zoom</td><td>124-320</td><td>0.75 - 12.19m</td><td>Vert: +/- 50% Hor: +/- 20%</td></tr> <tr> <td>1.05 - 1.41:1 zoom</td><td>124-321</td><td>1.06 - 18.94m</td><td>Vert: +/- 60% Hor: +/- 20%</td></tr> <tr> <td>1.4 - 2.11:1 zoom</td><td>124-322</td><td>1.47 - 27.86m</td><td>Vert: +/- 60% Hor: +/- 20%</td></tr> <tr> <td>2.1 - 4.0:1 zoom</td><td>124-323</td><td>2.24 - 54.19m</td><td>Vert: +/- 60% Hor: +/- 20%</td></tr> </table>			Lens	Part No.	Optimised Focus Range*	Lens Shift (Frame)	0.31 - 0.33:1 zoom	124-318	0.38 - 3.01m	Vert: +/- 50% Hor: +/- 20%	0.55 - 0.75:1 zoom	124-319	0.69 - 6.58m	Vert: +/- 50% Hor: +/- 20%	0.74 - 1.08:1 zoom	124-320	0.75 - 12.19m	Vert: +/- 50% Hor: +/- 20%	1.05 - 1.41:1 zoom	124-321	1.06 - 18.94m	Vert: +/- 60% Hor: +/- 20%	1.4 - 2.11:1 zoom	124-322	1.47 - 27.86m	Vert: +/- 60% Hor: +/- 20%	2.1 - 4.0:1 zoom	124-323	2.24 - 54.19m	Vert: +/- 60% Hor: +/- 20%
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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).				
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				
Orientation	Table Top or Inverted: Yes Pointing Up: Yes Pointing Down: Yes Roll (Portrait): Yes				
Power Requirements	110-240VAC 50/60Hz single phase 11A				
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				
Fan Noise	Typical 44dB, max 46dB in Normal mode Typical 39dB, max 41dB in ECO mode				
Operating/Storage 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))				
Weight	30 kg / 66.1 lbs				
Dimensions	L: 598mm x W: 500mm x H:218mm L: 23.54 inch x W: 19.68 inch x H: 8.58 inch				
Safety & EMC Regulations	TBD				
Accessories	<table><tr><td>Accessory</td><td>Part No.</td></tr></table> <i>*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.</i>	Accessory	Part No.		
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Downloads	PDF CAD Drawings AUTOCAD Drawings STEP / IGS Drawings				



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