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## E-Vision 13500i WU (Preliminary)

**13,000 ISO / 11,700 ANSI Lumens | Contrast Ratio: 3,000,000:1 (Dynamic Black) | Part Number: 123-526**

### Key Specifications:

<b>Colour System:</b>	Laser Phosphor
<b>Display Type:</b>	1 x 0.67" DarkChip™ DMD™
<b>DMD Specification:</b>	1920 x 1200 pixels native display. Fast transit pixels for smooth greyscale and improved contrast.
<b>Aspect Ratio:</b>	16x10
<b>Fill Factor</b>	
<b>Key Features:</b>	<p><b>Video &amp; Graphics Processing</b></p> <ul style="list-style-type: none"><li>• HDMI 2.0</li><li>• DisplayPort 1.2</li><li>• Side by Side, Frame Packing, Frame Sequential, TopBottom and Dual Pipe 3D Formats.</li><li>• Synchronisation of active glasses or polarising switcher.</li><li>• DICOM simulation mode (For non-diagnostic or training)</li><li>• HDR support</li><li>• 2D Smear reduction</li></ul> <p><b>Geometry Correction</b></p> <ul style="list-style-type: none"><li>• Vertical &amp; Horizontal Keystone correction</li><li>• Four Corner adjustment</li><li>• Selectable aspect ratios: 5:4 / 4:3 / 16:10 / 16:9 / 1.88 / 2.35 / TheaterScope / Source / Unscaled</li><li>• Digital Zoom</li></ul> <p><b>HDBaseT Interface</b></p> <ul style="list-style-type: none"><li>• Built in support for transmission of uncompressed High Definition Video over standard CAT5e/6 LAN cable.</li><li>• Allows the projector to be placed up to 100m from the source with low cost cabling.</li></ul>

- HDBaseT® Includes Ethernet 100BaseT and RS232/IR control.

**Colour Processing**

- Phosphor wheel: 2 x 7200rpm (120Hz)
- Colour wheel: 4 Segment RGBY 2 x 7200rpm (120Hz)
- 10-bit colour processing (30-bits per pixel) 1,073,741,824 colours
- Powerful seven point colour correction for accurate colour matching.

**Source Compatibility**

Graphics standards: Up to WUXGA 1920 x 1200 - 120Hz RB

**Inputs/Outputs**

Video & Computer		
Type	Connector	Qty
HDMI 2.0 (HDCP compatible)	HDMI	2
DisplayPort 1.2	DisplayPort	2
HDBaseT	8P8C "RJ45"	1
3G-SDI in	BNC	1
3G-SDI out	BNC	1
Communication & Control		
Type	Connector	Qty
3D Sync In	BNC	1
3D Sync Out (loop through)	BNC	1
3D Sync Out for IR	BNC	1
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**

Frame Packing  
Dual Pipe  
Frame Sequential  
Side By Side (half)  
Top and Bottom

**HDTV Formats Supported**

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

**Computer Compatibility**

VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA@60hz, Mac

**Bandwidth**

**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

<b>Colour Temperature</b>	User selectable (3200K/ 5400K / 6500K / 7500K / 9300K / Native )																																				
<b>Operation</b>																																					
<b>illumination Type</b>	Laser Phosphor																																				
<b>Typical illumination Life</b>	20,000 hours																																				
<b>Lenses</b>	<table border="1"> <thead> <tr> <th>Lens</th> <th>Part No.</th> <th>Optimised Focus Range*</th> <th>Lens Shift (Frame)</th> </tr> </thead> <tbody> <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> <tr> <td>3.0 - 4.52:1 zoom</td> <td>112-503</td> <td>2.53 - 47.2m</td> <td>Vert: +/- 45% Hor: +/- 10%</td> </tr> <tr> <td>4.46-6.94:1 zoom</td> <td>112-504</td> <td>3.71 - 76.7m</td> <td>Vert: +/- 45% Hor: +/- 10%</td> </tr> </tbody> </table> <p>* Lens focal ranges above are the optimised distances but are likely to focus further, please contact your RSM for more details. Lens ratio tolerances: E-Vision Series: +/-3%. HighLite Series: +/- 5%. M-Vision Series: +/- 2%. Titan Series: +/-2%, INSIGHT Series: +/-2%,</p>	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%	3.0 - 4.52:1 zoom	112-503	2.53 - 47.2m	Vert: +/- 45% Hor: +/- 10%	4.46-6.94:1 zoom	112-504	3.71 - 76.7m	Vert: +/- 45% Hor: +/- 10%
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<b>Lens Mount</b>	Motorised and programmable shift, zoom and focus. Intelligent Lens Memory with 10 user-definable preset positions (except UST lens).																																				
<b>Mechanical Mounting</b>	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																																				
<b>Orientation</b>	<b>Table Top or Inverted:</b> Yes <b>Pointing Up:</b> Yes <b>Pointing Down:</b> Yes <b>Roll (Portrait):</b> Yes																																				
<b>Power Requirements</b>	100-240VAC 50/60Hz single phase 6.8A																																				
<b>Power Consumption</b>	583W @ 240VAC (100% Normal mode) 606W @ 100VAC (100% Normal mode) Standby: <0.5W (Network Off), <2W (Network On)																																				
<b>Thermal Dissipation</b>	1988 BTU/Hour @ 240VAC (100% Normal mode) 2070 BTU/Hour @ 100VAC (100% Normal mode)																																				
<b>Fan Noise</b>	Normal mode: 40 dBA typical																																				
<b>Operating/Storage</b>	Operating: 0 to 40 °C (32 to 104 °F)																																				

<b>Temperature:</b>	Force ECO over 35°C (95°F)					
<b>Operating Humidity</b>	20%-90% non-condensing					
<b>Weight</b>	27.5 kg / 60.6 lbs					
<b>Dimensions</b>	L: 598mm x W: 500mm x H:218mm L: 23.54 inch x W: 19.68 inch x H: 8.58 inch					
<b>Safety &amp; EMC Regulations</b>	CB report, cTUVus, CE (European Economic Area), UKCA (United Kingdom), CCC (China), CECP (China Energy Conservation Program), China RoHS, FCC Class A (USA), FDA 21 CFR part 1040 (Except with respect to those characteristics authorised by Variance Number 2021-V-0192,, KC (Korea), BSMI (Taiwan), RCM (Australia), IEC 60825-1 Ed3 :2014 - Class 1 Laser Product, IEC EN 62471-5:2015 - Risk Group 2 & 3 (Lens dependent)					
<b>Accessories</b>	<table border="1"> <thead> <tr> <th>Accessory</th> <th>Part No.</th> </tr> </thead> <tbody> <tr> <td colspan="2">*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.</td> </tr> </tbody> </table>		Accessory	Part No.	*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.	
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<b>Downloads</b>	<a href="#">PDF CAD Drawings</a> <a href="#">AUTOCAD Drawings</a> <a href="#">STEP / IGS Drawings</a>					
<b>User Guide</b>	<a href="#">User Guides</a> <a href="#">Laser Risk Group Document</a> <a href="#">Control Protocol</a>					



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