

Digital Projection E-Vision 8000i WU HDBaseT Laser Phosphor Projector / 8000 ISO / WUXGA / 20000:1 Contrast

Colour System	Laser Phosphor
Display Type	1 x 0.67" DarkChip™ DMD™
DMD Specification	1920 x 1200 pixels
Fast transit pixels	smooth greyscale, improved contrast
Aspect Ratio	16x10
Fill Factor	
Key Features	
HDMI	HDMI 2.0
DisplayPort	DisplayPort 1.2
3D Formats	Side by Side, Frame Packing, Frame Sequential, TopBottom, Dual Pipe
3D Synchronisation	active glasses, polarising switcher
DICOM Mode	simulation
HDR Support	Yes
2D Smear Reduction	Yes
Geometry Correction	keystone, four corner, aspect ratios, digital zoom
Selectable Aspect Ratios	5:4, 4:3, 16:10, 16:9, 1.88, 2.35, TheaterScope, Source, Unscaled
HDBaseT Interface	uncompressed HD video over CAT5e/6, up to 100m, Ethernet 100BaseT, RS232, IR
Phosphor Wheel	2 x 7200rpm (120Hz)
Colour Wheel	4 Segment RGBY 2 x 7200rpm (120Hz)
Colour Processing	10-bit colour, 30-bits per pixel, 1,073,741,824 colours
Colour Correction	seven point
Source Compatibility	Up to WUXGA 1920 x 1200 - 120Hz RB
Inputs	HDMI 2, DisplayPort 2, HDBaseT 1, 3G-SDI in 1, 3G-SDI out 1
HDMI Connector Type	HDMI
DisplayPort Connector Type	DisplayPort
HDBaseT Connector Type	8P8C RJ45
3G-SDI Connector Type	BNC

3D Sync In/Out	BNC, loop through, IR
LAN / Art-Net	EtherCON RJ45
Serial RS-232	9-pin D-Sub in 1 out 1
Wired Remote	3.5mm stereo jack in out
12V Trigger	12V 350mA
USB Power Out	USB Type A 5V/2A
3D Formats Supported	Frame Packing, Dual Pipe, Frame Sequential, Side By Side half, Top and Bottom
HDTV Formats Supported	480i, 576i, 480p, 576p, 720p, 1080i, 1080p, NTSC, PAL, SECAM, 2K 2048 x 1080 up to 60Hz, 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, RS-232, Alert Mail, Crestron Connected, PJLink Class 1, AMX Device Discovery, Art-Net
Colour Temperature	3200K, 5400K, 6500K, 7500K, 9300K, Native
Illumination Type	Laser Phosphor
Typical Illumination Life	20,000 hours
Lens 0.368-0.39:1	Part No. 124-318, 0.45-3.58m, Vert +/-60% Hor +/-2.5%
Lens 0.65-0.89:1	Part No. 124-319, 0.82-7.83m, Vert +/-60% Hor +/-20%
Lens 0.88-1.28:1	Part No. 124-320, 0.89-14.51m, Vert +/-70% Hor +/-20%
Lens 1.25-1.68:1	Part No. 124-321, 1.26-22.54m, Vert +/-70% Hor +/-20%
Lens 1.67-2.51:1	Part No. 124-322, 1.75-33.16m, Vert +/-70% Hor +/-20%
Lens 2.5-4.7:1	Part No. 124-323, 2.66-64.51m, Vert +/-70% Hor +/-20%
Lens 3.58-5.38:1	Part No. 112-503, 3.01-59.02m, Vert +/-50% Hor +/-10%
Lens 5.31-8.26:1	Part No. 112-504, 4.42-91.54m, Vert +/-50% Hor +/-10%
Lens Mount	Motorised, programmable shift zoom focus, Intelligent Lens Memory
Lens Memory	10 user-definable presets
Mechanical Mounting	Front/Rear Table, Front/Rear Ceiling, M4 x6 mounting holes
Orientation	Table Top, Inverted, Pointing Up, Pointing Down, Roll Portrait
Power Requirements	100-240VAC 50/60Hz single phase 6.8A
Power Consumption	442W @240VAC, 473W @100VAC, Standby <0.5W Network Off <2W Network On

Thermal Dissipation	1507 BTU/Hour @240VAC, 1613 BTU/Hour @100VAC
Fan Noise	34 dBA typical
Operating Temperature	0 to 40 °C
Operating Humidity	20%-90% non-condensing
Weight	27.5 kg / 60.6 lbs
Dimensions	L 598mm x W 500mm x H 218mm
Safety & EMC Regulations	CB report, cTUVus, CE, UKCA, CCC, CECP, China RoHS, FCC Class A, FDA 21 CFR part 1040, KC, BSMI, RCM, IEC 60825-1 Ed3 Class 1 Laser, IEC EN 62471-5:2015 Risk Group 2 & 3
Accessories	Part No.
Downloads	PDF CAD Drawings, AUTOCAD Drawings, STEP IGS Drawings, User Guide
User Guide	User Guides
Laser Risk Document	Yes
Control Protocol	Control Protocol document
Core Technologies Nexus	Next Generation Electronics Platform
IP6x Sealed Optics	IP6x sealed, filterless, liquid cooled radiator
Source Redundancy	Automatic backup source switching
Flexible Geometry Adjustment	PC tool, Remote Controller, on-screen grid
Art-Net Support	Direct DMX control over network
Intelligent Lens Memory	Quick reset of lens positions
24/7 Operation	Yes