

## iVision 50 WQXGA XB

2,400 ANSI Lumens | Contrast Ratio: 5,300:1 | Part No:115-401

### iVISION 50 SERIES DIGITAL PROJECTORS



THE VISIONARIES CHOICE

**Colour System:**

XB Color Wheel - Balanced Luminance and Chroma - Best Overall Performance

**DMD Specification:**

2560 x 1600 pixels native.  
Fast transit pixels for smooth greyscale and improved contrast.

**Display Type:**

1 x 0.95" DarkChip™ DMD™

**Aspect Ratio:**

16x10

**Fill Factor**

87%

## Key Features

### Video & Graphics Processing

- HDMI 1.4 for Side by Side, Frame Packing & Top Bottom 3D Formats.
- Dual Head 3D converts any two L/R single stream signals to one sequential 120Hz 3D stream.
- Synchronisation of active glasses or polarising switcher.
- Dual Flash Processing can be used to multiply the displayed frame rate for 3D sources (example 144Hz display).
- 24p and 1080p native display.
- FastFrame™ Smear Reduction.
- Frame lock sync for multi-channel applications.

### ColorMax™

- Accurate matching of projectors in tiled or blended applications.
- User selection and storage of primary and secondary color targets.

### HDBaseT® Interface

- Built in support for transmission 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.

**Source Compatibility:**

HDMI including Deep Color™ processing and 3D standards.

Dual Link DVI accepts graphics standards up to 1920 x 1200 at 120Hz.

3GSDI is SMPTE 292M, SMPTE 259M-C and SMPTE 424M compliant.

Graphics standards up to 1920 x 1200 resolution at via DVI, HDMI or VGA.

## Inputs/Outputs

Video & Computer			Communication & Control		
Type	Connector	Qty	Type	Connector	Qty
DisplayPort 1.2	DisplayPort	2	LAN	RJ45	1
Dual Link DVI-D	DVI-I	1	RS232	9-pin D Sub	1
HDMI 1.4	HDMI Type A	1	Service Port	USB Type A	1
VGA	15-pin D-Sub	1	Sync	BNC	2
3GSDI	BNC	2	Sync	3-pin mini-DIN	1
HDBaseT	RJ45	1			

3D Formats Supported	HDTV Formats Supported
Frame Packing Frame Sequential Side By Side (half) Top and Bottom	1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz)

Computer Compatibility	Bandwidth
Up to 1920 x 1200	205 MHz on analog RGB 165 Megapixels per second on DVI and HDMI 297 Megapixels per second on Dual Link DVI

Remote Control	Automation Control
IR remote control On-Board keypad	RS232 LAN

Colour Temperature
User selectable from 3200 to 9300K

Lamp Type	Typical Lamp Life
1 x 350W UHP	Full Power: 2000 hours Eco Mode : 2500 hours

Lenses			
Lens	Part No.	Focus Range	Lens Shift
0.79 : 1 fixed	115-487	0.8m - 3.3m	Vert: 0.325 (U) 0 (D) frame, Hor: 0.28 (L) 0.28 (R) frame
0.99 : 1 fixed	115-486	1m - 10m	Vert: 0.47 (U) 0 (D) frame, Hor: 0.35 (L) 0.35 (R) frame
0.86 - 1.16 : 1 zoom	115-488	0.8m - 5m	Vert: 0.525 (U) 0 (D) frame, Hor: 0.38 (L) 0.38 (R) frame
1.14 - 1.74 : 1 zoom	115-489	1.3m - 7m	Vert: 0.525 (U) 0 (D) frame, Hor: 0.38 (L) 0.38 (R) frame
1.71 - 2.37 : 1 zoom	115-485	1.5m - 10m	Vert: 0.605 (U) 0 (D) frame, Hor: 0.41 (L) 0.41 (R) frame
2.67 - 4.16 : 1 zoom	115-784	5m - 25m	Vert: 0.605 (U) 0 (D) frame, Hor: 0.41 (L) 0.41 (R) frame
0.3 : 1 fixed	116-408	0.45m - TBD	Vert: 0.535-0.55 (U) 0 (D) frame, Hor: 0.01 (L) 0.01 (R) frame

Lens Mount
Motorized shift. Manual zoom and focus.

Mechanical Mounting	Orientation
Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet	<b>Table Top or Inverted:</b> Yes <b>Pointing Up:</b> Yes <b>Pointing Down:</b> Yes <b>Roll (Portrait):</b> +/-20° from horizontal

Power Requirements	Power Consumption
100-240 VAC, 50/60Hz	530W

Thermal Dissipation	Fan Noise
1807 BTU/Hour	TBA

Operating/Storage Temperature	Operating Humidity
Operating: 10° to 40° C	20% to 80% RH
Storage: -20° - 60° C	

Weight (Chassis Only)	Dimensions
7.5 kg 16.5 lb	L: 30.6 cm W: 34.2 cm H: 14.3 cm L: 12.05 in W: 13.46 H: 5.63 in

Safety & EMC Regulations

CE, FCC Class A, UL, cUL and cCSAus

*\*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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## Downloads

[PDF CAD Drawings](#)

[User Guides](#)

[AUTOCAD Drawings](#)

[Important Information](#)

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