

dVision 3D Series

dVision 35-1080p (XC, XB, XL) 3D • dVision 35-WUXGA (XC, XB, XL) 3D



PERFORMANCE SPECIFICATIONS

Brightness ($\pm 10\%$) / Contrast (full on/off)

1080p XC - 2,900 ANSI / <7500:1
1080p XB - 4,500 ANSI / <7500:1
1080p XL - 7,500 ANSI / <7500:1
WUXGA XC - 2,900 ANSI / <7500:1
WUXGA XB - 4,500 ANSI / <7500:1
WUXGA XL - 7,500 ANSI / <7500:1
(adjustable iris and lamp power enables infinite variation in light output to fit various requirements)

Display Type

DarkChip™ DMD

Sequential Color Management

RGBRG-BC
RGBW-XB
RGBCW-XL
All with Brilliant Color™

Native Resolution

1920 X 1080 pixels (1080p)
1920 x 1200 pixels (WUXGA)

Computer Compatibility

Up to 1920 X 1200

Displayable Colors

30-bit RGB image processing latency~22 ms with graphics inputs

Aspect Ratio (native)

16x9 (1080p)
16x10 (WUXGA)

Bandwidth (up to)

205 MHz on Analog RGB
330 MHz on Dual link DVI-D
75 MHz on Component
165 MHz on HDMI 1.3a
340 MHz on HDMI 1.4

Video Compatibility

HDTV, NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM; HDCP on DVI; HDMI 1.3 + HDMI 1.4

Lens Shift (motorized)*

Vert: ± 0.75 frame; Hor: ± 0.45

Motorized Iris

Enables the user to optimize lumen/contrast performance

Lenses

.79:1	fixed*
.92:1	fixed*
1.16:1	fixed*
1.24 - 1.6:1	zoom
1.6 - 2.32:1	zoom
2.37 - 3.79:1	zoom
3.8 - 6.5:1	zoom

Image Size

0.7-20 meters wide

Lamp Type

Dual 300W UHP™

Lamp Life (Typical per lamp):

2,000 hours - full power
5,000 hours - automatic eco sync mode

Mechanical Mounting

Front/rear table
Front/rear ceiling
Adjustable front/rear feet

Operating Noise Level

30dB (typical)

Cabinet

Black

Dimensions (excluding lens)

14.8in(L) x 20in(W) x 8.8in(H)
376mm(L) x 510mm(W) x 223mm(H)

Weight (chassis only)

27.8lbs (12.6kg)

Overview

Digital Projection International proudly introduces the dVision 35-1080p or WUXGA 3D, the first 3D-capable member of the dVision series. The ultra-quiet, dual lamp dVision 3D enlists single-chip DLP™ technology to produce up to 2900 ANSI lumens and contrast ratios up to 7500:1. A motorized lens aperture allows the user to accurately define brightness and contrast to match venue and content requirements.

Utilizing dual lamps and dual color wheels, the dVision 3D features a unique X-port architecture makes upgrading input connectivity a simple field process. The projector utilizes state of the art electronics to accept multiple 3D formats and display them at a full 1920 X 1080, 120Hz. Synchronization with 3D glasses can be done either via IR or DLP link. In addition, the projector can be outfitted with an optional LCD modulator to be used with simple and inexpensive passive 3D glasses.

What makes this 3D projector so unique is its capability to be fine tuned for both 2D and 3D applications. It has 2X 300 watt lamps with an adjustable iris allowing for a maximum light output of 2900 lumens for full 3D brightness, or in single lamp, closed iris mode, a minimum of 700 lumens. Full 10 bit color resolution, with no compromise is achieved throughout the range of illumination. Via simple IR or RS232 commands, (or IP control), the projector can be optimized for 2D or 3D viewing in a variety of room lighting conditions. Combine all these features with 7 lens options and easy ceiling or table mounting and the dVision 3D becomes the most flexible mid priced projector in the market. The X-port backplane allows the integrator to easily configure the projector to accept HDMI 1.4a inputs, high resolution display port, or even professional HDSDI inputs. Dual link DVI is also standard.

A flexible array of ultra-accurate optics delivers throw ratios as short as .75:1 and as long as 6.5:1. The dVision's quick-change motorized lens mount provides an extensive range of horizontal and vertical lens shift. Every dVision is also equipped with a motorized light shutter and a backlit projector information display, which provides users with all relevant data regarding the projector's operating status.

As is the case with all Digital Projection displays, our careful engineering and superior customer and technical service guarantee dVision projectors will provide remarkable imaging and reliability for the long-term.

The new dVision 3D Series - all new, ultra high resolution displays, bringing 2D and 3D precision to your vital applications.

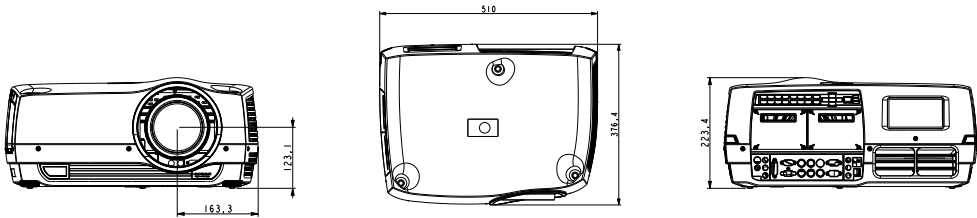
INPUT / OUTPUT CAPABILITIES

Input	Connector	Quantity
Video & computer		
Dual link DVI	DVI-D - female	2
HDMI 1.3a	HDMI	1
HDMI 1.4a	HDMI	1
Communication & control		
RS232 (in/out)	9-pin DSUB - female	1
USB (for control & firmware updates)	USB - female	1
LAN (for control & firmware updates)	RJ-45 - female	1
Screen/Aspect trigger	3.5mm mini-sub	2
Remote control	3.5mm stereo jack- female	1
3D Sync	BNC	2

* No lens shift capability on short throw fixed lenses

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DIGITAL **PROJECTION**



Projector Dimensions

Projector dimensions (in)	Projector dimensions (mm)
L1 14.8 W1 20 H1 8.8	L1 376 W1 510 H1 223



dVision 35 back panel

ADVANCED TECHNICAL SPECIFICATIONS

PARAMETERS	 
HDTV Formats Supported	1080p, 1080i, 720p, 576i/p, 480i, 480p, HDMI 1.4 3D Standards
Remote Control	Remote wireless IR / wired thru 3.5mm stereo jack
Automation Control	RS232 9-pin D sub / RJ45 LAN / USB
Operating/Storage Temperature	Operating: 32 to 104°F at 0-4950 ft, 32 to 95°F at 4950-9000 ft / Storage: 14 to 104°F
Operating Humidity	20 to 90% RH
Thermal Dissipation	<2900 BTU/hour
Fan Noise	30dB
Power Requirements	100-240 VAC, 50/60Hz ±10%
Power Consumption	<815W
Safety and EMC Regulations	CE, UL, cUL, FCC Class A

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dVision 35-1080p XL -3D
dVision 35-WUXGA XC -3D
dVision 35-WUXGA XB -3D
dVision 35-WUXGA XL -3D

Part

112-137
112-138
112-139
112-534
112-535
112-536

Accessories

VIDI 300 Watt Lamp & Housing *two required
dVision Adjustable ceiling mount
Infrared remote (replacement)
24/7 Maintenance Kit *Commercial AV only

Part

109-387A
106-310
104-091
107-749

Lenses

.79:1 wide angle
.92:1 wide angle
1.16:1 wide angle
1.24 - 1.6:1
1.6 - 2.32:1
2.37 - 3.79:1
3.8 - 6.5:1

Part

104-083
110-810
104-084
104-085
104-086
104-087
104-088

1 Based on 4-6 hour/day operational profile. Venue and application conditions may impact actual lamp life. See Digital Projection's Product Warranty Statement for details on lamp warranty.

ACTIVE
3D

ColorMAX
BY CORE TECHNOLOGY

