

dVision 35 Series

dVision 35-WQXGA



PERFORMANCE SPECIFICATIONS

Color Wheel Options:

High Color, Balanced, High Brightness

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

35-WQXGA XC	3500 ANSI / <7500:1
35-WQXGA XB	5000 ANSI / <7500:1
35-WQXGA XL	7500 ANSI / <7500:1

Display Type

DarkChip™ DMD

Sequential Color Management

Six-segment color wheel with Brilliant Color™

Native Resolution

2560 x 1600 pixels

Computer Compatibility

Up to 2560 x 1600

Video Compatibility

HDTV, NTSC, PAL, SECAM, EDTV, SDTV

Aspect Ratio (native)

16x10

Bandwidth (up to)

205 MHz on Analog RGB
160 MHz on DVI
75 MHz on Component
225 MHz on HDMI

Lens Shift (motorized)*

TBA

Motorized Iris

Enables the user to optimize lumen/contrast performance

Lenses

.8:1*	fixed*
1.2 - 1.7:1	zoom
1.7 - 2.5:1	zoom
2.5 - 4.5:1	zoom

Image Size

0.5-20 meters (-ft) 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

Graphite grey with low-maintenance soft touch finish

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 Series, ultra-quiet, dual lamp projectors based on single-chip DLP™ technology. The first projector in this series, the dVision 35-WQXGA, produces the highest native resolution of any DLP-based product available anywhere today - 2560 x 1600 pixels. The dVision 35-WQXGA produces up to 6500 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.

Three different factory installed color wheel sets are available for the dVision products, allowing the user to select the projector / color wheel combination that provides the best balance of lumens and color depth for their application. DP's ColorMax™ technology provides even more opportunities to fine tune projector performance. For single projector applications, ColorMax enables the user to accurately define nearly any white point desired. For multi-projector applications, ColorMax can be used to benchmark each projector's native color performance. Once armed with that data, multiple units are easily calibrated for identical color reproduction.

For the dVision 35-WQXGA, a flexible array of precision optics delivers throw ratios as short as .8:1 and as long as 4.5:1. The dVision's quick-change motorized lens mount provides an extensive range of horizontal and vertical lens shift, allowing the projector to be placed at extreme positions with respect to the screen, without significant geometric distortion. 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.

Intuitive user controls and extensive source compatibility render dVisions simple to integrate, control and operate. The projectors' low-cost, long-life dual UHP™ lamp system and inherent digital stability position these products as perfect projection solutions for a diverse range of customers and applications, including:

- Military and Commercial Simulation
- Command and Control, Process Control
- Immersive Visualization
- Staging & Rental
- Dramatic home entertainment
- Digital media and advertising
- Corporate boardrooms and teleconferencing suites
- Training and education
- Religious venues/houses of worship
- Retail and entertainment

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.

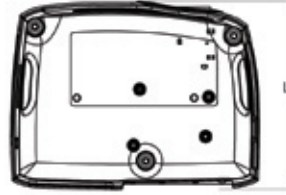
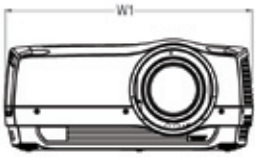
The new dVision 35 Series - all new, ultra high resolution displays, bringing the precision of Digital Projection to your vital applications.

INPUT / OUTPUT CAPABILITIES

Input	Connector	Quantity
Video & computer		
VGA / analog RGB	15-pin female HD-DSUB	2
RGB analog	BNCx5 - female	1
Display Port	Display Port	2
Dual link DVI	DVI-D - female	2
HDMI 1.3a	HDMI	2
Component Video	RCAX3 - female	1
S-Video	4-pin mini DIN- female	1
Composite Video	RCAX1- female	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

* No lens shift capability on short throw fixed lens

dVision 35 Series



Projector Dimensions

Projector dimensions (in)
L1 14.8 W1 20 H1 8.8

Projector dimensions (mm)
L1 376 W1 510 H1 223



dVision 35 back panel

ADVANCED TECHNICAL SPECIFICATIONS

PARAMETERS	
	
HDTV Formats Supported	1080p, 1080i, 720p, 576i/p, 480i, 480p
Scan Rates Supported	Horizontal: 15-150kHz; Vertical: 48-190Hz
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	<1050W
Safety and EMC Regulations	CE, UL, cUL, FCC Class A

dVision 35-WQXGA

35-WQXGA XC
35-WQXGA XB
35-WQXGA XL

Part

110-701V
110-702V
110-703V

Accessories

VIDI 300 Watt Lamp & Housing (non VIDI models)
dVision 30 Adjustable ceiling mount
Infrared remote (replacement)
24/7 Maintenance Kit
Rigging and Stacking Frame

Part

109-387A
106-310
104-091
107-749
106-476

Lenses

.8 fixed
1.2 - 1.7:1 zoom
1.7 - 2.5:1 zoom
2.5 - 4.5:1 zoom

Part#

110-730
110-731
110-732
110-733

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.

