



# dVision LED Displays

dVision 30-1080p LED • dVision 30-WUXGA LED • dVision 35-WQXGA LED



## PERFORMANCE SPECIFICATIONS

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

30-1080p LED	700 ANSI / <7500:1
30-WUXGA LED	700 ANSI / <7500:1
35-WQXGA LED	700 ANSI / <7500:1

### Display Type

DarkChip™ DMD

### Sequential Color Management

RGB LED

### Native Resolution

1080p: 1920 x 1080 pixels  
WUXGA: 1920 x 1200 pixels  
WQXGA: 2560 x 1600 pixels

### Computer Compatibility

Up to 2560 x 1600

### Video Compatibility

HDTV, NTSC, PAL, SECAM, EDTV, SDTV

### Aspect Ratio (native)

1080p: 16x9  
WUXGA: 16x10  
WQXGA: 16x10

### Bandwidth (up to)

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

### Lens Shift (motorized)\*

1080p: Vert:  $\pm 0.75$  frame; Hor:  $\pm 0.45$   
WUXGA: Vert:  $\pm 0.67$  frame; Hor:  $\pm 0.34$   
WQXGA: TBA

### Motorized Iris

Enables the user to optimize lumen/contrast performance

### Lenses

1080p/WUXGA	WQXGA:
.75:1*	.8:1*
.92:1	1.2-1.7:1
1.1:1	1.7-2.5:1
1.2-1.6:1	2.5-4.5:1
1.6-2.3:1	
2.3-3.7:1	
3.7-6.5:1	

### Image Size

0.5-20 meters (-ft) wide

### Lamp Life (Typical)

100,000 hours via solid state illumination

### Mechanical Mounting

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

### Operating Noise Level

30dB (typical)

### 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 three new LED-based "Lifetime Illumination" DLP projectors. DPI's new dVision 30-1080p LED, dVision 30-WUXGA LED and dVision 35-WQXGA LED displays present three compelling solutions for critical 24/7 projection applications, as well as any application needing long-life projection systems with unmatched color saturation, lumen maintenance and color stability. As DPI's LED-based displays do not contain traditional lamps, all three dVision series projectors deliver unprecedented long-term cost of ownership benefits including lower overall maintenance and over 100,000 hours of LED illumination life. Combined with the M-Vision Cine LED displays, which DPI launched and commenced shipping in Q4, 2009, Digital Projection offers the most extensive and capable DLP-based LED product line available today.

A combination of consistently stable, long-term light output and supremely low-maintenance illumination systems defines DPI's new dVision LED displays. All three projectors utilize Texas Instruments' DarkChip DLP technology, ensuring unmatched black levels and dynamic range. Equally important—the RGB-based LED illumination module eliminates the need for a color wheel to produce primary colors. Instead, red, green and blue LED's produce primary color illumination, rendering a color gamut and color saturation similar to what a 3-chip DLP projector can produce. In addition, since there is no spinning color wheel in the system, color wheel artifacts are eliminated, and fast-moving content appears remarkably sharp and free of motion smear.

The new dVision LED projectors inherit the field-proven reliability and exceptional optical qualities of DPI's robust dVision chassis. Suitable for both commercial and consumer installations, dVision projectors are quiet, elegantly designed and offer a diversity of system capabilities that support nearly any application. Installation flexibility is assured through an extensive array of ultra-accurate optics, which provide throw ratios as short as .75:1 and as long as 6.5:1. Furthermore, the dVision's quick-change motorized lens mount provides an extensive range of horizontal and vertical lens shift, allowing the projectors to be placed in a wide variety of locations in relation to the screen. Intuitive user controls and comprehensive source compatibility assure all dVision displays are simple to integrate, control and operate.

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.

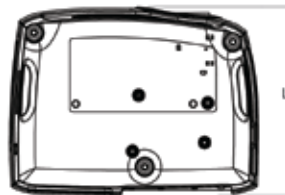
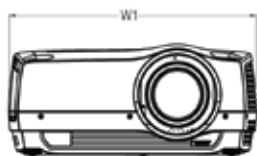
## INPUT / OUTPUT CAPABILITIES

Input	Connector	Quantity
<b>Video &amp; computer</b>		
VGA / analog RGB	15-pin female HD-DSUB	2
RGB analog	BNCx5 - female	1
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
<b>Communication &amp; control</b>		
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

# PRELIMINARY dVision LED Displays

**DIGITAL**  **PROJECTION**



Projector Dimensions




Projector dimensions (in)  
L1 14.8 W1 20 H1 8.8

Projector dimensions (mm)  
L1 376 W1 510 H1 223



dVision 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	<1100 BTU/hour
Fan Noise	30dB
Power Requirements	100-240 VAC, 50/60Hz ±10%
Power Consumption	<350W
Safety and EMC Regulations	CE, UL, cUL, FCC Class A

### dVision 35-WQXGA

dVision 30-1080p LED  
dVision 30-WUXGA LED  
dVision 35-WQXGA LED

### Part #

110-902  
110-903  
110-704

### 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 1080p/WUXGA

.75:1  
.92:1  
1.1:1  
1.2-1.6:1  
1.6-2.3:1  
2.3-3.7:1  
3.7-6.5:1

### Part#

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

### Lenses WQXGA

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

### Part#

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

