

# iVision 30 3D Series

iVision 30 sx+ 3D • iVision 30 sx+ W-3D



## PERFORMANCE SPECIFICATIONS

### Brightness (±10%) / Contrast (full on/off)

sx+ 3D: 2,000 ANSI / 3500:1  
sx+ W-3D: 2,000 ANSI / 3500:1

### Display Type

DarkChip™ DMD

### 3D Stereo Features

3D compatibility:  
Twin (two channel) input, digital or analog  
up to 120 Hz (fps) L/R

Shutter Glasses:

DLP Link or IR emmitted sync

Supported 3D display refresh rates:

96 - 120 Hz

Advanced:

Shutter glass phase sync adjustment

Advanced switching period adjustment

### Sequential Color Management

Six-segment color wheel  
with Brilliant Color™

### Native Resolution

1400 x 1050 pixels

### Computer Compatibility

Up to 1600 x 1200

### Video Compatibility

HDTV, NTSC, NTSC 4.43, PAL, PAL-M,  
PAL-N, SECAM; HDCP on DVI & HDMI;  
automatic film mode detection (3:2 and  
2:2 pulldown)

### Aspect Ratio (native)

4x3

### Bandwidth (up to)

165 MHz on Dual Head DVI-D

### Throw Ratio

sx+: 1.7-2.2:1  
sx+ W: 1.0:1

### Throw Distance

1.5-10 meters (5-33ft)

### Image Size

0.7-5.5 meters (2.5-18ft) wide

### Image Offset

sx+: 9%

### Lamp Type

220W VIDI UHP™

### Lamp Life (Typical)

2,250 hours-lamp high  
3,000 hours-lamp low

### Mechanical Mounting

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

### Operating Noise Level

28dB

### Dimensions (chassis only)

10.9in(L) x 11.8in(W) x 4.4in(H)  
278mm(L) x 299.4mm(W) x 110mm(H)

### Weight (chassis only)

3.4kg (7.5lbs)

### Standard Accessories

Ceiling mount cable cover

### Cabinet Color

Grey

## Overview

Digital Projection International proudly introduces an amazingly compact and portable active 3D display - the single chip iVision 30sx+ 3D. Surprisingly bright and capable for it's size, the iVision 30sx+ 3D represents the highest bandwidth and quietest implementation of DarkChip™ single-chip DLP® technology available today. With an SXGA+ native resolution DMD serving as the image modulator, the iVision 30sx+ 3D renders accurate and resolute large-screen imagery, in both 2D and 3D. It is perfect for supporting mobile 3D presentations, as well as for fixed 3D applications with smaller screens or in low ambient light environments.

Equipped with standard inputs for traditional 2D sources, the iVision 30sx+ 3D also incorporates twin VGA and twin DVI inputs, enabling connectivity to active 3D sources up to 120 Hz. A 3D sync output is available to drive 3D IR emitters, synchronizing 3D shutter glasses with the left and right eye timing of the displayed 3D content. To assure optimum color calibration and long-term accuracy, DP's ColorMax™ technology is included, and via a straightforward user Interface, can be applied to all sources.

The iVision 30sx+ 3D's intuitive user interface and extensive source compatibility assure it is simple to integrate, control and operate. The new iVision features an off axis optical design, supported by a geometrically precise zoom lens or an optional short-throw fixed lens. The projector's low-cost, ultra efficient UHP lamp system and inherent digital stability position the iVision 30sx+ 3D as a best-in-class projection solution for a diverse range of customers and 3D applications, including:

- Immersive visualization
- Industrial training and simulation
- Electronic and mechanical engineering
- Chemical and pharmaceutical
- Geological exploration
- Medical research and training
- Theme Park 3D entertainment
- Dramatic 3D home entertainment

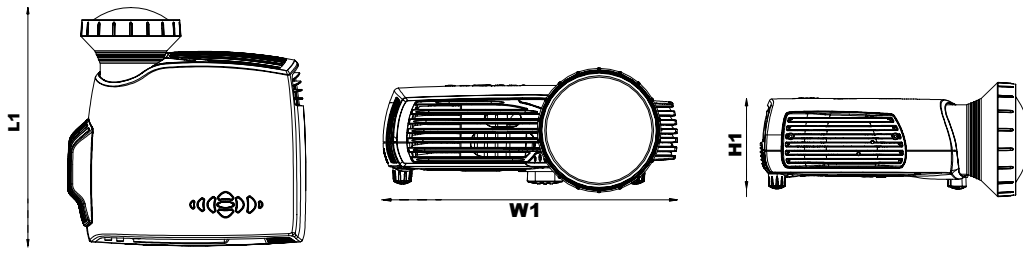
As is the case with all Digital Projection displays, our careful engineering guarantees the iVision 30 sx+ 3D provides remarkable imaging and reliability for the long-term. Equally important, our legacy in superior customer and technical services assures our experienced support staff is always available to address your needs.

## INPUT / OUTPUT CAPABILITIES

Input	Connector	Quantity
Twin VGA	D Sub (15-pin)	2
Twin DVI-D	DVI-D	2
Component Video (SDTV/HDTV)	RCa3	1
S-Video	4-pin mini DIN	1
Composite Video	RCA	1
USB for mouse connection and firmware upgrade	USB	1
LAN	RJ45	1
IR Emitter Output	3-pin DIN	1
	BNC (with loop-thru)	1

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**DIGITAL**  **PROJECTION**



## Projector Dimensions

Projector dimensions (in)	Projector dimensions (mm)
L1 9.6 W1 11.8 H1 3.5	L1 244 W1 299.4 H1 88



iVision 30 3D side panel



iVision 30 3D back panel

## ADVANCED TECHNICAL SPECIFICATIONS

PARAMETERS	 
HDTV Formats Supported	1080p, 1080i, 720p, 576i/p, 480i, 480p, 24p
Scan Rates Supported	Horizontal: 15 - 150 kHz; Vertical: 48 - 190Hz, 3D sources: 96 - 120 Hz
Remote Control	Remote wireless IR
Automation Control	RS232 9-pin D sub / RJ45 LAN
Operating/Storage Temperature	Operating: 0 to 40°C at 0-1500m, 0 to 35°C at 1500-3000m / Storage: -10 to 45°C
Operating Humidity	20 to 90% RH
Thermal Dissipation	<1120 BTU/hr
Fan Noise	28dB at 20°C (68°F)
Power Requirements	100 - 240 VAC +/- 10%, 50/60Hz
Power Consumption	350W
Safety and EMC Regulations	UL, CE, FCC Class A

### Projector

iVision 30sx+ 3D  
iVision 30sx+ W-3D

### Lens

1.7 - 2.2:1  
1.0:1

### Part #

109-381  
109-382

### Accessories

VIDI 300 Watt Lamp & Housing  
VIDI 220 Watt Lamp & Housing for iVision 30-1080p (C) & W(C)  
300 Watt Lamp & Housing (for non-VIDI models only)  
iVision 30 Adjustable ceiling mount  
Infrared remote (replacement)  
24/7 Maintenance Kit

### Part #

109-689  
108-617  
107-750  
102-543  
104-142  
107-748

<sup>1</sup> 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.

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OF CORE TECHNOLOGY

