

# iVision 30 Series

iVision 30sx+ • iVision 30-1080p • iVision 30-WUXGA



## PERFORMANCE SPECIFICATIONS

### Color Wheel Options:

(XB): Balanced Luminance and Chroma  
(Best overall performance)

(C): Enhanced Contrast

(XL): Enhanced Luminance

(XC): Enhanced Chroma

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

sx+ (XB): 2,600 ANSI / 2500:1

sx+ (XL): 3,900 ANSI / 2500:1

sx+ (XC): 2,000 ANSI / 2500:1

sx+ (W-XB): 2,600 ANSI / 2500:1

sx+ (W-XL): 3,900 ANSI / 2500:1

sx+ (W-XC): 2,000 ANSI / 2500:1

1080p (XB): 2,400 ANSI / 3000:1

1080p (C): 1,400 ANSI / 5000:1

1080p (XL): 3,500 ANSI / 3000:1

1080p (XC): 1,800 ANSI / 3000:1

1080p (W-XB): 2,400 ANSI / 3000:1

1080p (W-C): 1,400 ANSI / 5000:1

1080p (W-XL): 3,500 ANSI / 3000:1

1080p (W-XC): 1,800 ANSI / 3000:1

WUXGA (XB): 2,400 ANSI / 4000:1

WUXGA (XL): 3,500 ANSI / 4000:1

WUXGA (XC): 1,800 ANSI / 4000:1

WUXGA (W-XB): 2,400 ANSI / 4000:1

WUXGA (W-XL): 3,500 ANSI / 4000:1

WUXGA (W-XC): 1,800 ANSI / 4000:1

### Display Type

DarkChip™ DMD

### Sequential Color Management

Six-segment color wheel with Brilliant Color™

### Native Resolution

sx+: 1400 x 1050 pixels

1080p: 1920 x 1080 pixels

WUXGA: 1920 x 1200 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)

sx+: 4x3

1080p: 16x9

WUXGA: 16x10

### Bandwidth (up to)

205 MHz on analog RGB

160 MHz on DVI

75 MHz on component input

### Throw Ratio

sx+: 1.75-2.25:1

sx+W: 1.0:1

1080p: 1.6-2.0:1

1080pW: 0.95:1

WUXGA: 1.6-2.0:1

WUXGA-W: 0.95:1

### Throw Distance

1.5-10 meters (5-33ft)

### Image Size

0.7-5.5 meters (2.5-18ft) wide

### Image Offset:

These products have an off-axis optical design – and are intended to be installed as follows:

#### Pedestal mount:

- sx+: 8% of the image height below the bottom of the screen

- 1080p: 23% of the image height below the bottom of the screen

\*\* Optional - 10%

- WUXGA: 15% of the image height below the bottom of the screen

\*\* Optional - 10%

#### Ceiling Mount (projector inverted)

- sx+: 8% of the image height above the top of the screen

- 1080p: 23% of the image height above the top of the screen

\*\* Optional - 10%

- WUXGA: 15% of the image height above the top of the screen

\*\* Optional - 10%

### Lamp Type

300W UHP™

### Lamp Life (Typical)

1,700 hours-lamp high

2,200 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 10.9in(W) x 4.4in(H)

278mm(L) x 278mm(W) x 110mm(H)

### Weight (chassis only)

3.4kg (7.5lbs)

### Standard Accessories

(sx+ only)

Ceiling mount cable cover

### Cabinet Color

sx+ / 1080p / WUXGA: grey - standard

1080p-C: Piano Black - standard

## Overview

Digital Projection International proudly introduces our newest high brightness, compact single-chip DLP displays – the iVision 30 series. The iVision 30-1080p, 30sx+ and 30-WUXGA represent the highest performance and quietest implementation of DarkChip™ single-chip DLP technology available today. The iVision 30sx+ employs an SXGA+ native resolution DMD. Depending on the color wheel selected, it produces up to 3,700 ANSI lumens and 2500:1 contrast. The iVision 30-1080p employs a DMD with 1920 x 1080 pixels and depending on the color wheel, produces from 1200-3400 ANSI lumens and stunning contrast from 2500-5000:1. Finally, the iVision 30-WUXGA is capable of up to 3100 ANSI lumens and 4000:1 contrast.

Equipped with DP's ColorMax™ technology, four different factory installed color wheels are available for these products, allowing the user to select the projector / color wheel combination that provides the best balance of lumens and color depth to match their application.

The iVision 30's intuitive user interface and extensive source compatibility render them simple to integrate, control and operate. These new iVisions feature an off axis optical design, supported by a geometrically precise zoom lens or an optional short-throw fixed lens. The projectors' low-cost, ultra efficient UHP lamp system and inherent digital stability position the iVision 30 series as best-in-class projection solutions for a diverse range of customers and applications, including:

- Dramatic home entertainment • Digital media and advertising
- Corporate boardrooms and teleconferencing suites
- Training and education • Retail and entertainment
- Religious venues/houses of worship • Casinos and hospitality
- Military simulation/command and control • Immersive visualization

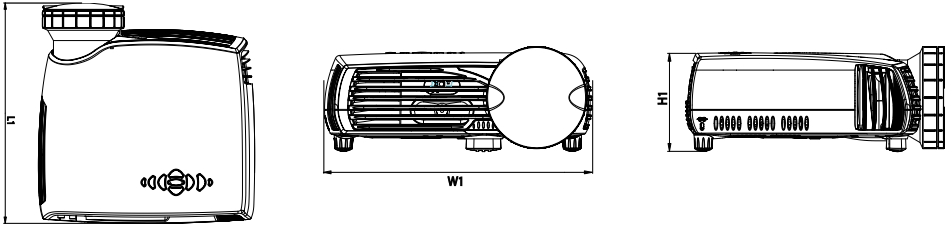
As is the case with all Digital Projection displays, our careful engineering guarantees the iVision 30 series provide remarkable imaging and reliability for the long-term. Equally important, our legacy in superior customer and technical services assures our experienced support staff is always available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

## INPUT / OUTPUT CAPABILITIES

Input	Connector	Quantity	
		SX+ & WUXGA	1080p
VGA/analog RGB	D Sub (15-pin)	2	1
DVI (Digital RGB)	DVI-D	1	1
Component Video (SDTV/HDTV)	RCa3	1	2
HDMI	HDMI	1	1
S-Video	4-pin mini DIN	1	1
Composite Video	RCA	1	1
USB for mouse connection and firmware upgrade	USB	1	1
LAN	RJ45	1	1
Screen trigger		n/a	1

Specifications subject to change without notice  
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Projector Dimensions

Projector dimensions (in) L1 9.6 W1 10.9 H1 3.5	Projector dimensions (mm) L1 244 W1 278 H1 88
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iVision 30sx+ back panel

## ADVANCED TECHNICAL SPECIFICATIONS

PARAMETERS	  
HDTV Formats Supported	1080p, 1080i, 720p, 576i/p, 480i, 480p, 24p
Scan Rates Supported	Horizontal: 120kHz; Vertical: 50-110Hz
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	<1700 BTU/hr
Fan Noise	28dB at 20°C (68°F)
Power Requirements	90-260 VAC, 50/60Hz
Power Consumption	350W
Safety and EMC Regulations	UL, CE, FCC Class A

Projector*	Lens	Part #	Projector*	Lens	Part #
<b>iVision 30sx+ (XB)</b>	<b>1.75 - 2.25:1</b>	<b>107-724V</b>	<b>iVision 30-WUXGA (XB)</b>	<b>1.6 - 2.0:1</b>	<b>108-700V</b>
iVision 30sx+ (XL)	1.75 - 2.25:1	107-725V	iVision 30-WUXGA (XL)	1.6 - 2.0:1	108-701V
iVision 30sx+ (XC)	1.75 - 2.25:1	107-726V	iVision 30-WUXGA (XC)	1.6 - 2.0:1	108-702V
<b>iVision 30sx+ W(XB)</b>	<b>1.0:1 fixed</b>	<b>107-727V</b>	<b>iVision 30-WUXGA-W (XB)</b>	<b>.95:1 fixed</b>	<b>108-703V</b>
iVision 30sx+ W(XL)	1.0:1 fixed	107-728V	iVision 30-WUXGA-W (XL)	.95:1 fixed	108-704V
iVision 30sx+ W(XC)	1.0:1 fixed	107-729V	iVision 30-WUXGA-W (XC)	.95:1 fixed	108-705V
<b>iVision 30-1080p (XB)</b>	<b>1.6 - 2.0:1</b>	<b>107-731V</b>	<b>Accessories</b>		<b>Part #</b>
iVision 30-1080p (C)	1.6 - 2.0:1	107-730V	VIDI 300 Watt Lamp & Housing		109-689
iVision 30-1080p (XL)	1.6 - 2.0:1	107-732V	VIDI 220 Watt Lamp & Housing for iVision 30-1080p (C) & W(C)		108-617
iVision 30-1080p (XC)	1.6 - 2.0:1	107-733V	300 Watt Lamp & Housing (for non-VIDI models only)		107-750
<b>iVision 30-1080p-W(XB)</b>	<b>.95:1 fixed</b>	<b>107-735V</b>	iVision 30 Adjustable ceiling mount		102-543
iVision 30-1080p-W(C)	.95:1 fixed	107-734V	Infrared remote (replacement)		104-142
iVision 30-1080p-W(XL)	.95:1 fixed	107-736V	24/7 Maintenance Kit		107-748
iVision 30-1080p-W(XC)	.95:1 fixed	107-737V			

\*Bold listings denote most popular configurations.

<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.

