

iVision 30 Series

Preliminary Specifications

iVision 30sx+ • iVision 30-1080p



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): 3,400 ANSI / 2500:1
sx+ (XL): 4,200 ANSI / 2500:1
sx+ (XC): 2,800 ANSI / 2500:1

1080p (XB): 3,300 ANSI / 2500:1
1080p (C): 1,200 ANSI / 5000:1
1080p (XL): 4,000 ANSI / 2500:1
1080p (XC): 2,700 ANSI / 2500:1

Display Type

DarkChip3™ DMD

Sequential Color Management

Seven-segment color wheel with Brilliant Color™

Native Resolution

sx+: 1400 x 1050 pixels
1080p: 1920 x 1080 pixels

Computer Compatibility

Up to 1600 x 1200

Video Compatibility

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

Aspect Ratio (native)

sx+: 4x3
1080p: 16x9

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

Throw Distance

1.5-10 meters (5-33ft)

Image Size

0.7-5.5 meters (2.5-18ft) wide

Image Offset

sx+: 8%
1080p: 23%

Lamp Type

300W UHP™

Lamp Life (Typical)¹

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: grey - standard

Overview

Digital Projection International proudly introduces our newest high brightness, compact single-chip DLP displays - the iVision 30 series. The iVision 30-1080p and 30sx+ represent the highest performance and quietest implementation of DarkChip3™ 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 4,200 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 1200-4000 ANSI lumens and stunning contrast from 2500-5000:1.

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:

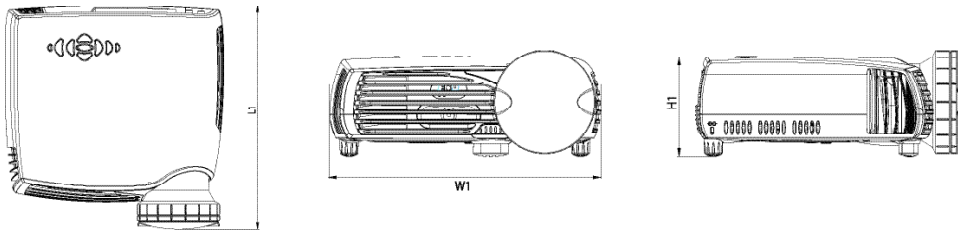
- Dramatic home entertainment • Digital media and advertising
- Corporate boardrooms and teleconferencing suites
- Training and education • Retail and entertainment
- Religious venues/houses of worship • Casinos and hospitality
- Military simulation/command and control • Immersive visualization

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+ | 1080p |
| VGA/analog RGB | D Sub (15-pin) | 2 | 1 |
| DVI (Digital RGB) | DVI-D | 1 | 1 |
| Component Video (SDTV/HDTV) | RCAX3 | 1 | 2 |
| HDMI | HDMI | N/A | 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 |
| Stereo mini jack audio | | 1 | n/a |
| Screen trigger | | n/a | 1 |
| Outputs | | | |
| VGA monitor out | D Sub (15-pin) | 1 | n/a |
| Stereo mini jack audio | | 1 | n/a |

* Four audio inputs on stereo mini plugs for sources listed above



Projector Dimensions

Projector dimensions (in)
L1 9.6 W1 10.9 H1 3.5

Projector dimensions (mm)
L1 244 W1 278 H1 88



iVision 30sx+ back panel

ADVANCED TECHNICAL SPECIFICATIONS

| PARAMETERS | |
|-------------------------------|---|
| HDTV Formats Supported | 1080i, 720p, 576i/p, 480i, 480p |
| 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 # | Accessories | Part # |
|-------------------------------|----------------------|----------------|-------------------------------------|---------|
| iVision 30sx+ (XB) | 1.75 - 2.25:1 | 107-724 | 300 Watt Lamp & Housing | 107-750 |
| iVision 30sx+ (XL) | 1.75 - 2.25:1 | 107-725 | iVision 30 Adjustable ceiling mount | 106-958 |
| iVision 30sx+ (XC) | 1.75 - 2.25:1 | 107-726 | Infrared remote (replacement) | 104-142 |
| | | | 24/7 Maintenance Kit | 107-748 |
| iVision 30sx+ W(XB) | 1.0:1 | 107-727 | | |
| iVision 30sx+ W(XL) | 1.0:1 | 107-728 | | |
| iVision 30sx+ W(XC) | 1.0:1 | 107-729 | | |
| iVision 30-1080p (XB) | 1.6 - 2.0:1 | 107-731 | | |
| iVision 30-1080p (C) | 1.6 - 2.0:1 | 107-730 | | |
| iVision 30-1080p (XL) | 1.6 - 2.0:1 | 107-732 | | |
| iVision 30-1080p (XC) | 1.6 - 2.0:1 | 107-733 | | |
| iVision 30-1080p-W(XB) | 1.6 - 2.0:1 | 107-735 | | |
| iVision 30-1080p-W(C) | 1.6 - 2.0:1 | 107-734 | | |
| iVision 30-1080p-W(XL) | 1.6 - 2.0:1 | 107-736 | | |
| iVision 30-1080p-W(XC) | 1.6 - 2.0:1 | 107-737 | | |

*Bold listings denote most popular configurations.

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.

