

Specifications

LightRaise® 60wi2 interactive projector

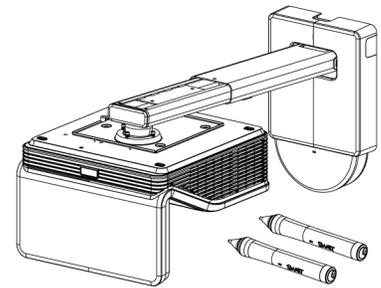
Models SLR60wi2 and SLR60wi2-SMP

Overview

The LightRaise® 60wi2 interactive projector is a wall-mounted, ultra-short-throw projector that transforms any wall or dry-erase whiteboard into an interactive surface. The interactive projector provides touch and pen-enabled input, enabling two users to simultaneously write, draw and manipulate content in SMART Notebook® collaborative learning software using a finger and the interactive pens.

The LightRaise 60wi2-SMP interactive projector includes SMART Meeting Pro® software and a LightRaise projector control (XCP).

See smarttech.com for more information on this product.

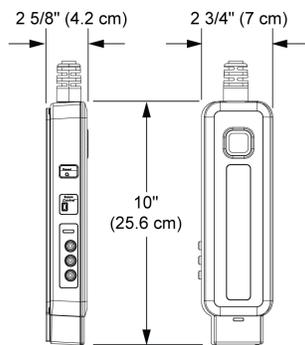
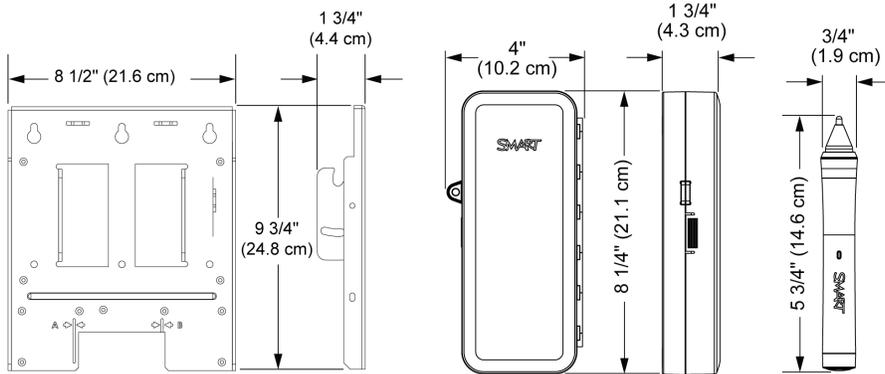
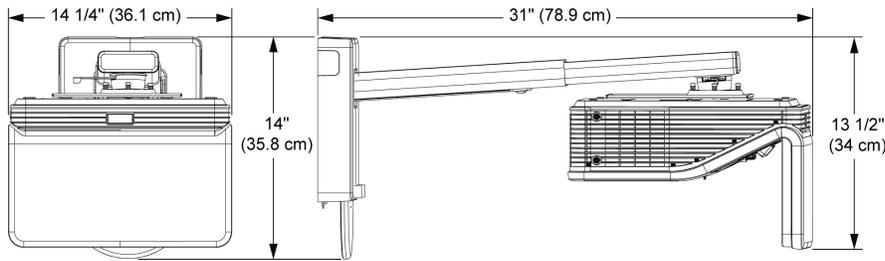


SPECIFICATIONS

LIGHTRAISE 60WI2 INTERACTIVE PROJECTOR – MODELS SLR60WI2 AND SLR60WI2-SMP

Dimensions and weights¹

Dimensions



Weight

Projector and boom
35 lb. 8 oz. (16.1 kg)

XCP

2 lb. 3 oz. (1 kg)

Shipping dimensions

Projector box

23 5/8" W × 19 5/8" H × 15 1/2" D
(60 cm × 50 cm × 39.5 cm)

Boom kit box

18 1/2" W × 10" H × 8" D
(47 cm × 25.4 cm × 20.3 cm)

XCP

18" W × 6" H × 19" D
(45.5 cm × 15 cm × 48 cm)

Shipping weight

Projector box

34 1/2 lb. (15.6 kg)

Boom kit box

15 lb. (6.8 kg)

XCP

4 lb. 3 oz. (1.9 kg)

LightRaise projector control (XCP) is included with the SLR60wi2-SMP

¹All dimensions ± 1/8" (0.3 cm). All weights ± 2 lb. (0.9 kg).

System requirements

SLR60wi2 system requirements	Windows® operating systems or Mac OS operating system software as detailed in the <i>SMART Notebook 11.4 software for Windows and Mac computers release notes</i> (smarttech.com/kb/170617).
SLR60wi2-SMP system requirements	Windows® operating systems as detailed in the <i>SMART Meeting Pro 4 software for Windows computers release notes</i> (smarttech.com/kb/170521).
USB connection	USB 1.1 full-speed for HID multitouch and SMART Support.

Projector features

Four-touch interaction	Four-touch interaction enables two people to draw, gesture and manipulate content on the surface at the same time. The interactive surface can be touched simultaneously by a combination of fingers and pens.
USB connection	USB 1.1 full-speed for HID multitouch and SMART Support.

Standard features

Software Interact with applications, perform mouse functions and write and erase digital ink using a finger or the interactive pen.

- For basic mouse operations with a finger or an interactive pen, you don't need to install SMART Product Drivers on computers with Windows operating systems.

NOTE

If your Windows operating system is Windows 7 or later, it supports dual touch and has pen and finger differentiation.

- Advanced features, including the calligraphic pen, are available if you install SMART software from the included DVD. Software upgrades are available from smarttech.com/downloads.

Aspect ratio	16:10 with support for 16:9, 4:3 and 5:4 with scaling.
Contrast ratio	2900:1

Projected image size range and ceiling clearance

NOTE

The interactive areas listed are for projecting onto a blank, vertical wall. When projected onto an existing whiteboard, the maximum diagonal area size reduces by 1 1/2" (3.8 cm) for each 1/2" (1.3 cm) of whiteboard thickness. For more information about interactive area sizes and ceiling clearances, see the *LightRaise interactive projector user's guide* (smarttech.com/kb/170295).

Minimum interactive area on a blank wall	67" (170.2 cm) diagonal (4:3 aspect ratio) 35 1/2" H × 56 3/4" W (90.2 cm × 144.1 cm) Minimum 15 1/2" (39.4 cm) clearance required from top of image area to ceiling
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SPECIFICATIONS

LIGHTRAISE 60W12 INTERACTIVE PROJECTOR – MODELS SLR60W12 AND SLR60W12-SMP

Maximum interactive area on a blank wall	100" (254 cm) diagonal (16:10 aspect ratio) 84 3/4" H × 53" W (215.3 cm × 134.6 cm) Minimum 19 1/4" (48.9 cm) clearance required from top of image area to ceiling
Throw ratio	0.35:1
Display resolution	WXGA 1280 × 800
Display technology	The projection engine uses DLP® technology by Texas Instruments™, providing BrilliantColor™ performance and quality Gamma 2.2 correction with Bright Room, Dark Room, sRGB, User and SMART Presentation modes.
Video interface compatibility	HDCP compliant HDMI®, Composite, VESA® RGB with additional interface support for Component YPbPr and Component YCbCr inputs with the proper adapters (not included)
Video system compatibility	HDTV (720p and 1080p) video system compatibility and HD Ready (HDMI technology and 720p) available, NTSC, NTSC 4:43, PAL, PAL-N, PAL-M and SECAM (480i/p and 576i/p)
Synchronization	Auto image synchronization (auto tracking, frequency, position adjustment, source detect and phase detect)
Keystone correction	Corrects for projector tilt ±15°
Brightness	
Standard	3000 lumens 230 W mode at a CCT of 6500 K by the IEC method
Economy	2400 lumens 190 W mode at a CCT of 6500 K by the IEC method
Lamp life²	Up to 3000 hours in Standard 230 W mode. Up to 4000 hours in Economy 190 W mode.
Integrated loud speaker	9 W rms
Frequency range	100 Hz to 5 kHz
<div style="background-color: #f0f0f0; padding: 10px; border: 1px solid #ccc;">  NOTE At power amplifier nominal output, the speaker delivers a sound pressure level of 80 dB (SPL) ± 3 dB at 1 m. </div>	
Acoustic THD	<ul style="list-style-type: none"> • Less than 3% from 100 Hz to 500 Hz • Less than 2% from 500 Hz to 5 kHz
External management	Infrared remote control, RS-232 control port, internal web page, Crestron® RoomView® management via Ethernet



LightRaise projector control (XCP) Connect a single USB cable to the SMART connect port for an all-in-one audio, video and data connection to your computer. The XCP features built-in composite connectors, as well as a multi-pin recessed connector used to connect VGA or HDMI adapters. DisplayLink™ drivers are required and are included with every XCP. For more information, see the LightRaise interactive projector user's guide (smarttech.com/kb/170295).

²Lamp life varies depending on the selected mode, environmental factors and projector use. Over time, the lamp's brightness decreases.

Projector connections and included cables

Theft protection The projector system features a padlock ring to prevent theft. A padlock isn't included. The Kensington® security slot can function as a visual and physical theft deterrent.

Connector	Connects to	Cable provided
8 pin TDM socket	Touch detection module (TDM)	Light curtain, Pigtail (strain relief)
Touch USB	Computer for touch detection	16' (5m) USB A to mini-B cable
Balanced 3.5 mm phono jack for microphone input	Microphone (not included)	Not included
Stereo 3.5 mm phono jack for line output	External speakers (not included)	Not included
DB15F RGB video input (VGA 1)	Computer (not included)	16' (5 m) VGA cable
DB15F RGB video output (VGA Out)	Optional secondary display (not included)	Not included
DB9F RS-232	Room control	Not included
HDMI 1.4 digital input	High-definition video source (not included)	Not included
Power (100 V–240 VAC at 50 Hz–60 Hz)	Mains power source	14' 9" (4.5 m) country-specific power cable
Service USB	Computer for projector firmware upgrading (not included)	Not included
RJ45 (Ethernet connector)	Network (for web page management and SNMP access)	Not included
7-pin mini-DIN for XCP data	LightRaise projector control (XCP) harness cable (cable connected to XCP)	Included with SLR60wi2-SMP
4-pin power mini-DIN 5V/2A output for XCP USB HUB/switch power	LightRaise projector control (XCP) (cable connected to XCP)	Included with SLR60wi2-SMP
RCA composite video input (and left and right RCA audio input)	Video source (not included)	Not included
Stereo 3.5 mm phone jack audio input for stereo input associated with the VGA input	Computer (not included)	Not included

Interactive touch and pen features

Interactive technology A computer vision-based SMART touch detection system tracks dual finger touch using an infrared source, as well as dual interactive and synchronized infrared pen, on any reasonably flat surface.

Pen features	<ul style="list-style-type: none"> • Active tip switch • Power switch • Pen automatically turns off when not in use to prolong battery life • One tri-colored LED: green (operational), amber (battery charging required), red (fault) • SoftTouch texture for improved finger grip • USB mini-B connection for battery charging • 9' 10" (3 m) USB cable for battery charging
Power requirements	Approximately two hours to charge the lithium-ion battery using the included 9' 10" (3 m) USB mini-B cable and USB charger. A complete charge typically provides at least two days of continuous use.
Pen holder	The lockable pen holder protects up to two interactive pens while they charge. It also has a magnetic mounting option and storage space for the remote control.
Pen battery charger	USB charger for direct pen charging.

Installation

Installation instructions	Installation instructions are included in the projector box and are online at smarttech.com/support .
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Electrical requirements and interface details

Power cable	Country-specific IEC 60320 C14 power cable
Power requirements	100V–240V AC at 50 Hz–60 Hz
Power consumption	360 W
Standby mode	0.5 W

Storage and operating specifications

Storage temperature	-4°F to 122°F (-20°C to 50°C) with up to 80% humidity, non-condensing
Operational temperature	<ul style="list-style-type: none"> • At standard fan speed 41°F to 95°F (5°C to 35°C) with up to 80% humidity, non-condensing from 0' to 6000' (0 m to 1800 m) • At high fan speed: 41°F to 95°F (5°C to 35°C) with up to 80% humidity, non-condensing from 6000' to 6800' (1800 m to 2100 m)
Projector fan noise	32 dBA standard fan speed. 37 dBA high speed fan speed.

Compliance and certification

Regulatory certification CE, CB, CCC, CE, C-Tick, FCC, GOST-R, NOM, PSB, PSE, TUV-GS, UL/CSA (U.S./Canada) and VCCI

Environmental compliance

China	EIP
European Union	REACH, RoHS, WEEE, Battery, Packaging and ErP Standby
U.S.	Packaging and Conflict Minerals

Purchasing information

Order numbers

SLR60wi2	LightRaise 60wi2 interactive projector with touch detection, interactive pens and pen holder
SLR60wi2-SMP	LightRaise 60wi2 interactive projector with touch detection, interactive pens, pen holder and LightRaise projector control XCP
1020991	Lamp module replacement kit for the LightRaise 60wi2 interactive projector
1018949	Replacement touch detection module
RPEN-SLR60	Replacement interactive pen for the LightRaise 60wi2 interactive projector
1017709	Replacement pen holder for the LightRaise 60wi2 interactive projector
1013576	Projector hardware kit (smarttech.com/kb/160505)

Optional accessories For more information on additional accessories for your LightRaise 60wi2 interactive projector, see smarttech.com/accessories.

SLR-XCP LightRaise projector control (XCP)

Warranty The projector and interactive pens have a three-year limited equipment warranty. The projector lamp has a 1000-hour / one-year warranty. See warranty documents for details.

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