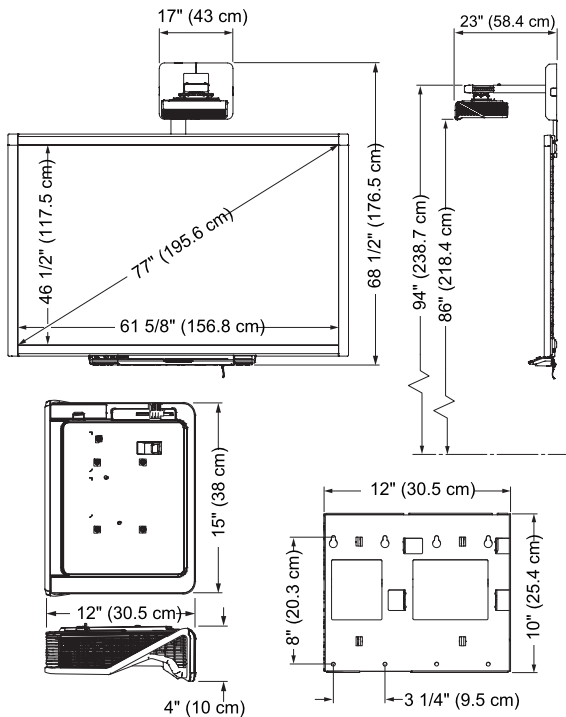


# U100 / U100W

## Dimensions and weights<sup>1</sup>

### Dimensions



#### SMART U100 projector

##### Weight (projector only)

10 lb. (4.5 kg)

##### Weight (projector and boom)

22 lb. (10 kg)

##### Shipping weight (projector)

13 lb. 6 oz. (6.1 kg)

##### Shipping dimensions (projector)

15 1/2" W × 8 1/2" H × 19 1/2" D  
(39.5 cm × 21.5 cm × 49.5 cm)

##### Shipping weight (boom)

14 lb. 8 oz. (6.6 kg)

##### Shipping dimensions (boom)

18 1/2" W × 12 3/4" H × 11 1/8" D  
(46.8 cm × 32.4 × 28.2 cm)

##### Projector dimensions

15" W × 4" H × 12" D  
(38 cm × 10 cm × 30.5 cm)

#### Extended control panel (ECP) Dimensions

6 5/8" W × 2 1/8" H × 4 5/8" D  
(16.8 cm × 5.5 cm × 11.9 cm)

##### Weight

5 lb 11 oz. (2.6 kg)

##### Shipping dimensions

16 1/2" W × 14" H × 3" D  
(41.9 cm × 35.6 cm × 7.6 cm)

##### Remote control

##### Dimensions

1 5/8" W × 3 3/8" H × 1/4" D  
(4.1 cm × 8.6 cm × 0.6 cm)

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

## Hardware

### Projector

Brightness (standard)	3600 lumens 260 W mode at a CCT of 6500 K by the IEC method
Brightness (economy)	2880 lumens 220 W mode at a CCT of 6500 K by the IEC method
Native resolution	XGA 1024 × 768 U100 / WXGA 1280 X 800 U100W
Aspect ratio	4:3 U100 / 16:10 U100W
Throw ratio	Short throw 0.33:1 ratio
Throw distance	10 3/8" (26.4 cm)
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. Philips® ImageCare™ lamp control technology extends lamp life. <sup>2</sup>
Lamp life	5000 hours in Standard 260 W mode. 6500 hours in Economy 220 W mode (ImageCare on). 3000 hours in Standard 260 W mode. 5000 hours in Economy 220 W mode (ImageCare off).
Integrated loud speaker	9 W rms
Projector noise	35 dBA (high fan speed) or 32 dBA (standard fan speed), measured using the JIS method
Contrast ratio (typical)	2900:1
Video system compatibility	HDTV (720p and 1080i) 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)
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)
Horizontal frequency	15 kHz–72 kHz
Vertical frequency	15 Hz–75 Hz
Clock frequency	165 Mhz
External management	Infrared remote control, RS-232 control port, internal web page, Crestron® RoomView® management via Ethernet
Theft protection	Projector system padlock ring and Kensington security slot



<sup>2</sup>Estimates of extended hours using ImageCare technology apply in specific classroom usage scenarios: Maximum 6 hours per day, 5 days a week, 200 days per year with a mix of static and moving images.

## Connectors

Projector connectors	3.5 mm phone jack VGA 1 audio input 3.5 mm phone jack line out (×2) DB15F RGB VGA video input (VGA In) DB15F RGB VGA video output (VGA Out) DB9F RS-232 control port HDMI 1.4 input (×2) Power (100V–240V AC at 50 Hz–60 Hz) USB B receptacle (for service use only) RJ45 Ethernet connector 7-pin mini-DIN for ECP data 4-pin mini-DIN 5V/2A output for ECP USB HUB/switch power RCA analog audio and composite video (red, white and yellow) Microphone 3.5 mm USB A receptacle (for HDMI streaming device), power only +5 VDC
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## ECP connectors

RJ11 6-wire SMART Hub™ SE collaboration platform DB15-M ECP harness cable to projector RCA (×3) Composite video and associated audio inputs USB A USB drive or peripheral devices (not included) USB B Primary computer (desktop label) USB B Secondary computer (laptop label)
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## Certification and compliance

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

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### Environmental compliance

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

## Warranty

**Interactive whiteboard** Two-year limited equipment warranty OR  
Five-year limited equipment warranty upon registration

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**Projector** Three-year limited equipment warranty

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**Projector lamp** 1000-hour/one-year warranty

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**ECP** Three-year limited equipment warranty

## Purchasing information

### Order numbers

1026952	Replacement lamp module for SMART U100 and U100w projectors
1013576	Projector mounting kit (see <a href="http://smarttech.com/kb/160505">smarttech.com/kb/160505</a> )

### Optional extended warranty

EWY1-U100	SMART U100 projector one-year warranty extension (available at time of projector purchase only)
EWY2-U100	SMART U100 projector two-year warranty extension (available at time of projector purchase only)

**Optional accessories** Also see [smarttech.com/accessories](http://smarttech.com/accessories)

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1013458	VGA connection kit for SMART Board 800 series interactive whiteboards.
1016404	RCA connector pod for SMART Board 800 series interactive whiteboards.

[smarttech.com/support](http://smarttech.com/support)

[smarttech.com/contactsupport](http://smarttech.com/contactsupport)

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