

SMART Document Camera 650

Model SDC-650



Overview

The SMART Document Camera 650 connects digital learning to the physical world. This easy-to-use 4K Ultra HD visualizer captures live video and images directly to the SMART Board® interactive display, SMART Notebook® software, or your desktop. The SDC-650 is a fully UVC-compliant camera with built-in microphone that can be used as a high-quality webcam with SMART Board displays, keeping the continuity of a classroom experience even while video conferencing.

See smarttech.com for more information on this product.

Image

Sensor	1/3.2" CMOS
Pixel count	13 megapixels
Effective pixels	Horizontal: 3840 Vertical: 2160/60fps
Frame rate	Maximum 60 fps
HDMI Output resolution	3840 × 2160, 1920 × 1080, 1280 × 720
USB Output resolution	3840 × 2160, 1920 × 1080, 1280 × 720, 640 × 360, 2560 × 1920, 2048 × 1536, 1600 × 1200, 1280 × 960, 1024 × 768, 640 × 480, 1280 × 1024, 1280 × 800, 320 × 180, 320 × 240
Wi-Fi streaming resolution	3840 × 2160, 1920 × 1080, 1280 × 720, 640 × 360, 1280 × 960, 1024 × 768, 640 × 480, 1280 × 1024, 1280 × 800

Optics

Zoom	Total 230x max. (10x Optical + 23x Digital Zoom)
Focus	Automatic/manual (via remote control or control panel) Automatic manual/area (via document camera software)
Shooting area	480 mm × 345 mm @ 470 mm

Function

Brightness	Automatic/manual
White balance	Automatic/manual
Contrast	Automatic/manual
Exposure	Automatic/manual
Image rotation	0°–90° (rotate by camera head)/0°–180° (using document camera software)
Image modes	Normal, High Frame, High Quality, Microscope, Infinity, Macro
Image effects	Black and white, Negative, Color
Image freeze	Yes
Lighting	Built-in LED
Mic	Built-in
Wi-Fi streaming	1080p @30fps, up to 4K @30fps
Wireless modes	P2P1/Wi-Fi/Miracast
Image/Video recording	Yes ²

Compatibility

Wireless network	802.11a/b/g/n/ac
Dual band	2.4 GHz/5 GHz
Wireless security	Supports WEP, WPA/WPA2-PSK, WPA/WPA2-Enterprise (EAP-PEAP, EAP-TLS)
Miracast support	Yes
UVC compliant	Yes
Software	SMART Notebook 20.1 or later SMART Document Camera 650 software

¹Peer-to-Peer (P2P) supported with SMART Document Camera 650 software for Windows and macOS.

²Available via connected USB drive (not included), SMART Notebook, or document camera software.

SMART Document Camera 650 specifications

INPUTS	Qty
Power DC 5V	1
HDMI	1
USB 2.0 Type A ³	1

OUTPUTS	Qty
HDMI 4K @ 50 Hz/60 Hz, 1080p @ 50 Hz/60 Hz, 720p @ 50 Hz/60 Hz	1
USB mini-B4	1
USB 2.0 Type-A5	1

Included cables and accessories	Qty
Power adapter and AC cord	1
Remote control	1
AAA Batteries	2
Wi-Fi Dongle ⁶	2
Anti-glare sheet	1
Illustrated installation instructions	1

Warranty

Equipment	Five-year limited equipment warranty
Battery	One-year limited battery warranty

Power	
Power source	100–240 V (AC) 50–60 Hz
Power supply	DC 5 V, 3 A
Internal battery	Li-ion internal (3.6 V/6800 mAh) Charge time with power off: 3 hours Charge time with power on: 7 hours

Note

Battery life varies based on function; the battery can last up to 2 hours. Battery life may reduce over time.

Storage and operating requirements

Power consumption at 77°F (25°C)	Maximum: 13.7W (Lamp On, Charging), 11W (Standby, Charging) Operating: 8.7W (Lamp On, fully Charged), 7.7W (Lamp Off, fully Charged)
Operating temperature	32°F–95°F (0°C–35°C)
Storage temperature	–4°F–140°F (–20°C–60°C)
Humidity	30% to 85% relative humidity, non-condensing

Certification and compliance (partial)⁷

U.S. / Canada	FCC, ISED, CONEG Packaging, Proposition 65
EU / EEA / EFTA / UK	CE, UKCA, LVD, CB, EMCD, RED, REACH, RoHS, Batería, WEEE, Embalaje, POP
EAEU	EAC
Performance standards	HDMI, USB
Other	Contact your reseller or sales representative

Purchasing information

Order number: SDC-650	SMART Document Camera 650
Optional accessories	Microscope attachments (see smarttech.com/accessories)

³For the Wi-Fi dongle.

⁴For connecting to a computer; charging in Standby mode.

⁵For connecting a USB storage device.

⁶One is connected to the document camera and the other is for connecting to a computer.

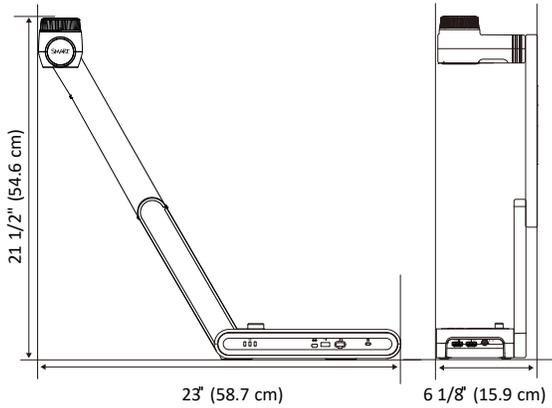
⁷Product availability may vary by region.

Dimensions and weights

Note

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

Dimensions



Dimensions

Set up

6 1/8" W \times 21 1/2" H \times 23" L
(15.9 cm \times 54.6 cm \times 58.7 cm)

Folded

6 1/8" W \times 3" H \times 14 1/8" L
(15.9 cm \times 7.6 cm \times 36.4 cm)

Weight

5.7 lb. (2.6 kg)

Shipping dimensions

18" W \times 10 1/2" H \times 6 7/8" L
(45.5 cm \times 27 cm \times 17.5 cm)

Shipping weight

8 lb. (3.7 kg)

VESA mount

M4, 75 \times 75 mm

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