

SMART Document Camera 650

Get hands-on with digital learning

SMART®

The SMART Document Camera 650 connects digital learning to the physical world. This easy-to-use 4K Ultra HD visualiser 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.

Get connected

Connect digital learning to the physical world. Digitally capture and share hands-on teaching to the SMART Board for high quality instruction, even while video conferencing.

Get Simple

Do more in the classroom with a document camera that's easy to use in flexible and diverse classroom configurations.

Get engaging

Engage students with dynamic multimedia lessons and rich Ultra HD instruction for every grade and subject area.



Key Features

- SMART Board integration & Android app
- SMART Notebook integration
- Peer-to-peer wireless connectivity for Windows and Mac.
- UVC compliant webcam for high-definition video conferencing
- Built-in microphone
- Convenient controls for easy capture & recording
- Wired or Dual Band Wi-Fi connection
- Rechargeable battery

Product Specification

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,
Image Effects	Infinity, Macro Black and white, Negative, Colour
Image Freeze	Yes
Lighting	Built-In LED
Mic	Built-in Mic
Wi-Fi streaming	1080p @30fps, up to 4K @ 30fps
Wireless Modes	P2P1/WiFi/Miracast
Image/Video recording	Yes
Compatibility	Mini-DIN Slot (Available with RS-232 only)
Wireless network	802.11a/b/g/n/ac
Dual Band	2.4 GHz/5GHz
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

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Image

Sensor	1/3.2" CMOS
Pixel Count	13 megapixels
Effective pixels	Horizontal: 3840
Frame rate	Vertical: 2160/60fps Maximum 60 fps
HDMI Output Resolution	3840 x 2160, 1920 x 1080, 1280 x 720
USB Output Resolution	3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360, 2560 x 1920, 2048 x 1536, 1600 x 1200, 1280 x 960, 1024 x 768, 640 x 480, 1280 x 1024, 1280 x 800, 320 x 180, 320 x 240
WiFi streaming resolution	3840 x 2160, 1920 x 1080, 1280 x 720, 640 x 360, 1280 x 960, 1024 x 768, 640 x 480, 1280 x 1024, 1280 x 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	480mm x 345mm @ 470mm

Product Specification

Inputs Quantity

Power DC 5V	1
HDMI	1
USB 2.0 Type A3	1

Outputs

HDMI	1 x 4K @ 50 Hz/60Hz, 1080p @ 50 Hz/60 Hz, 720p @ 50 Hz/ 60Hz
USB mini-B	1
USB 2.0 Type A5	1

Power

Power source	100-240 V (AC) 50 - 60Hz
Power supply	DC 5V, 3A
Internal Battery	Li-ion internal (3.6 V/6800 mAh) <ul style="list-style-type: none">- Charge Time with power off: 3 hours- Charge time with power on: 7 hours

Warranty

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

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Storage and Operating requirements

Power Consumption at 25°C (77°F) Maximum: 13.7W (Lamp on, charging), 11W (standby, charging), 8.7W (Lamp on, fully charged), 7.7W (Lamp off, fully charged)

Operating temperature 0°C - 35°C (32°F - 95°F)

Storage temperature -20°C - 60°C (-4°F - 140°F)

Humidity 30% to 85% relative humidity, non-condensing

Certification and compliance (partial)

U.S./Canada FCC, ISED, CONEG Packaging, Proposition 65

EU/EEA/EFTA/UK CE, UKCA, LVD, CB, EMCD, RED, REACH, RoHS, Bateria, WEEE, Embalaje, POP

EAEU EAC

Performance Standards HDMI, USB

Other Contact your reseller or sales representative

Product Specification

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Dimensions and weights

Note	All dimensions are $\pm 0.3\text{cm}$ (1/8") All weights are $\pm 0.9\text{kg}$ (2lb)
Dimensions	Set up 15.9 cm W x 54.6 cm H x 58.7 cm L (6 1/8" x 21 1/2" x 23") Folded 15.9 cm W x 7.6 cm H x 36.4 cm L (6 1/8" x 3" x 14 1/8")
Weight	2.6kg (5.7lb)

Shipping Dimensions	45.5 cm W x 27 cm H x 17.5 cm L (18" x 10 1/2" x 6 7/8")
Shipping Weight	3.7kg (8lb)
VESA Mount	M4, 75 x 75 mm

What's in the box?

- Power adapter and AC cord
- Remote control
- AAA batteries
- WiFi Dongle
- Anti-glare sheet
- Illustrated installation instructions

