

Specifications

SMART Document Camera™ 550

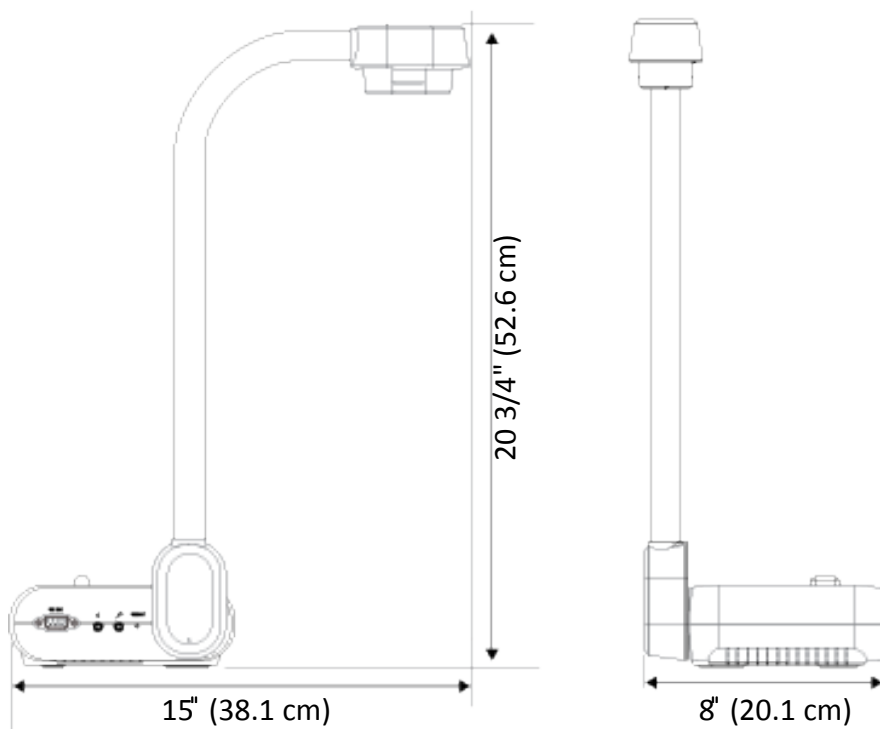
Model SDC-550

Overview

The SMART Document Camera™ 550 enhances the way you capture and display live images and videos in your lessons. Pair with SMART Notebook® collaborative learning software to create an interactive classroom experience. Equipped with WiFi, the SMART Document Camera connects to the Internet from anywhere in the classroom as you present printed documents, 3D objects, and videos while sharing your lessons to different devices.

Dimensions and weights

Dimensions



Dimensions

Setup

8" W × 20 3/4" H × 15" D
(20.1 cm × 52.6 cm × 38.1 cm)

Folded

9 1/8" W × 3" H × 12" D
(23.1 cm × 7.4 cm × 30.5 cm)

Weight

5.38 lb (2.44 kg)

Shipping dimensions

11 1/2" W × 7 1/8" H × 14" D
(29.0 cm × 17.8 cm × 35.5 cm)

Shipping weight

8.59 lb (3.91 kg)

Compatibility

Supported OS (computer)	Windows 10, Windows 8, Windows 7 macOS High Sierra 10.13, macOS Sierra 10.12, Mac OS X 10.11, Mac OS X 10.10
Wireless network	802.11 b/g/n/ac/a
Dual band	5 GHz / 2.4 GHz
Wireless security	Supports WEP, AES, TKIP and AES+TKIP 802.1x
Software	
SMART Notebook 17 collaborative learning software	https://support.smarttech.com/en/downloads/notebook
SMART Document Camera software	https://support.smarttech.com/en/downloads/other-hardware/document-camera
Operating temperature	32 - 95°F (0 - 35°C)
Humidity	30% to 85% humidity, non-condensing

Standard features

Lighting	Built in LED illumination lamp
Lens	Automatic and manual focus
Zoom	12 × digital zoom
Frame rate	Maximum 30 fps
Brightness control	Automatic and manual
Shooting area	Maximum 17.52" x 9.76" (44.5 cm x 24.8 cm)

Input and output connections

HDMI output	1080p @ 50 Hz / 60 Hz 720p @ 50 Hz / 60 Hz 1024p × 768p @ 60 Hz
USB connection	USB mini-B (connects to computer)
SD memory card	SD/SDHC Minimum 1 GB - maximum 32 GB SMART recommends class 6 and higher
Mass storage mode	Access the camera's SD card and transfer files to a computer via USB. Enter mass storage mode through the onscreen display (OSD).
Internal memory	Stores up to 240 images

Video recording USB drive
 SD/SDHC

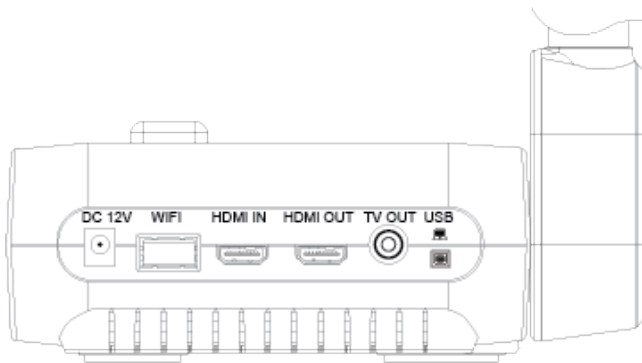
Audio connection

 Mic input 3.5 mm jack

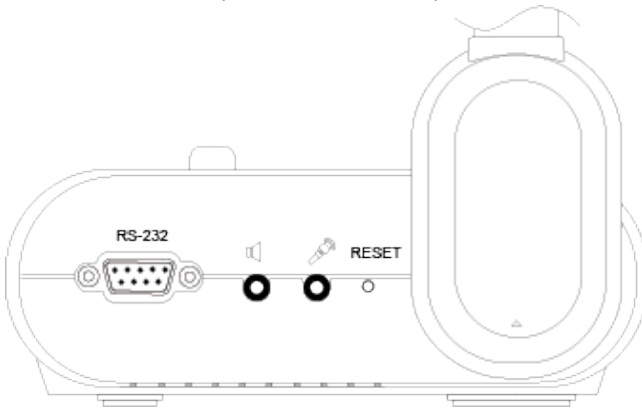
 Speaker output 3.5 mm jack

Connection panels

Rear panel The rear connection panel has DC 12V, WiFi, HDMI In, HDMI Out, TV, and USB mini-B connectors.

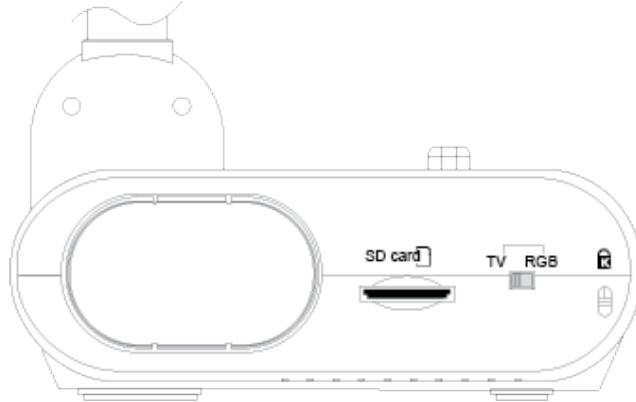


Left panel The left connection panel has RS-232, speaker, mic connectors, alongside a reset button.



Right panel

The right connection panel has a slot to hold the camera head for storage, an SD/SDHC memory card slot, TV-RGB switch, and a security lock slot.

**Power source**

100-240 V
50-60 Hz

Power supply

DC 12 V, 4 A

Power consumption

Battery charging: maximum 27 W
Battery charged: maximum 12.8 W

Battery

Built-in 6-cell (7.2 V/660 mAh)

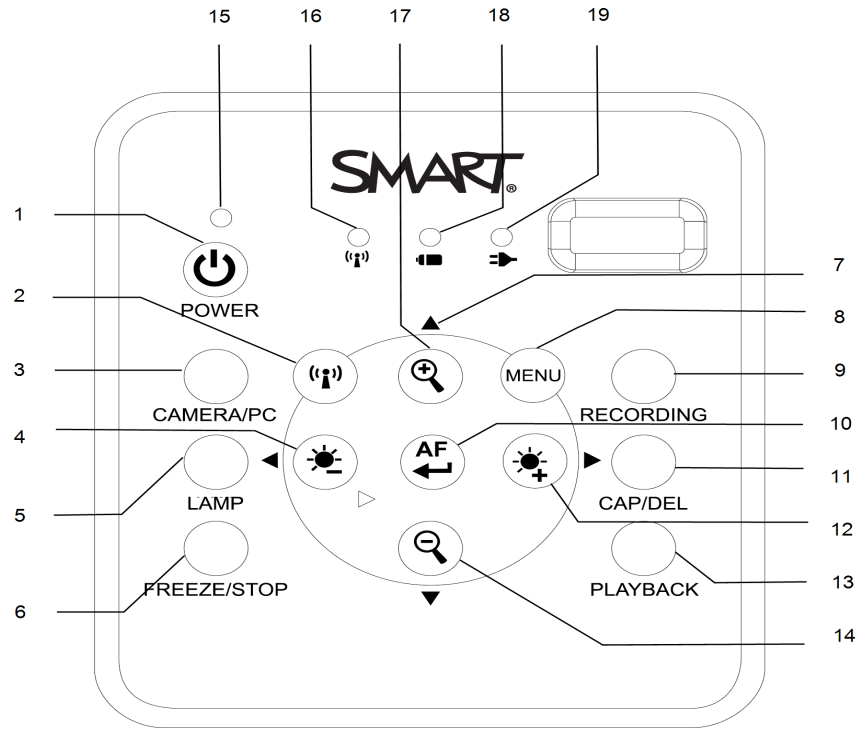
- Charge time with power off: 2.5 hours
- Charge time with power on: 5 hours

NOTE

- Battery life can vary based on function; the battery can last up to 6.5 hours.

User interface

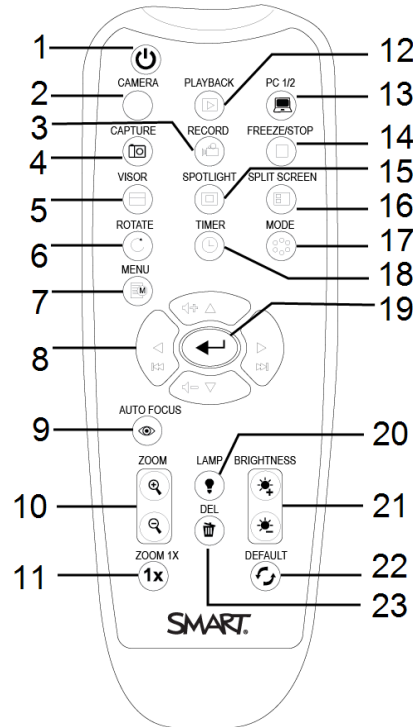
Control panel



- | | |
|-----------------------------------|------------------------------|
| 1 Power ON/OFF | 11 Capture/Delete |
| 2 WiFi/USB mode | 12 Increase brightness |
| 3 Camera/PC mode | 13 Playback |
| 4 Decrease brightness | 14 Zoom out |
| 5 Lamp ON/OFF | 15 Power indicator |
| 6 Pause images and video playback | 16 WiFi connection indicator |
| 7 OSD menu navigation | 17 Zoom in |
| 8 Menu | 18 Battery life indicator |
| 9 Record video | 19 Charging indicator |
| 10 Auto-focus | |

SMART DOCUMENT CAMERA 550 – MODEL SDC-550

Remote control



- | | |
|---------------------------------------|--|
| 1 Power ON/OFF | 14 Pause live image/video feed |
| 2 Camera mode | 15 Adjust spotlight size, shade, and color |
| 3 Record video | 16 Split screen |
| 4 Capture image | 17 Text/Graphics/Microscope mode |
| 5 Visor mode (hides the presentation) | 18 Timer |
| 6 Rotate image | 19 Play/Pause video |
| 7 Menu | 20 Lamp ON/OFF |
| 8 Navigate | 21 Adjust brightness |
| 9 Auto-focus | 22 Reset to default settings |
| 10 Zoom IN/OUT | 23 Delete image/video |
| 11 Zoom reset | |
| 12 Playback | |
| 13 Displays video signal | |

Certification and compliance

Environmental compliance

European Union	REACH, RoHS, WEEE and Packaging
North America	CONEG Packaging and Conflict Minerals

Regulatory certification CE, FCC, ISED, RCM

Purchasing information

Order number SDC-550