

Specifications

**SMART Document Camera™ 550**

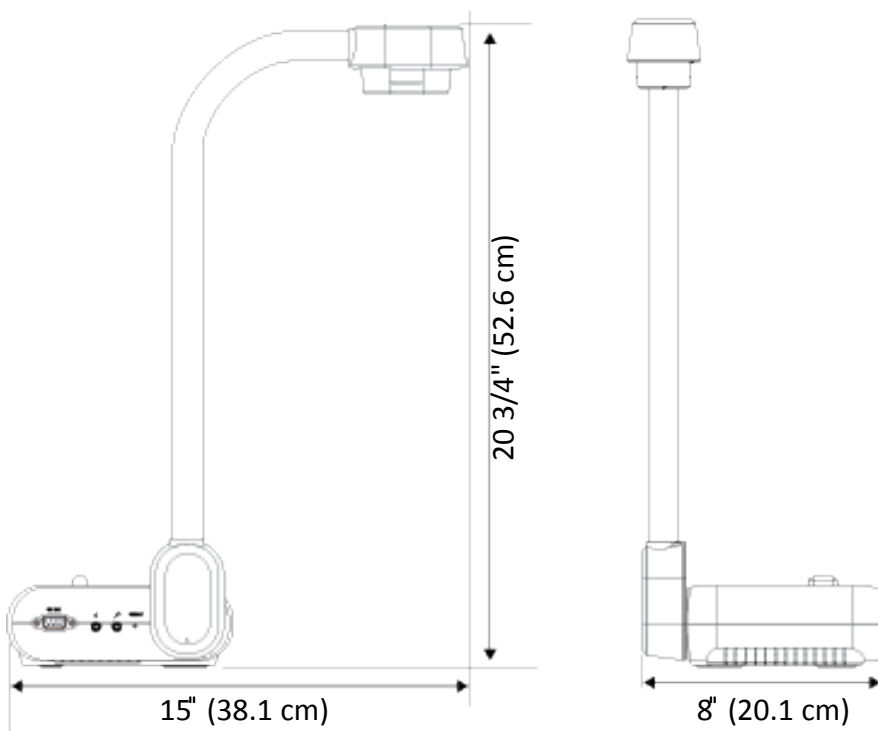
Model SDC-550

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

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

## Standard features

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

## Input and output connections

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

**Video recording**      USB drive  
                                    SD/SDHC

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**Audio connection**

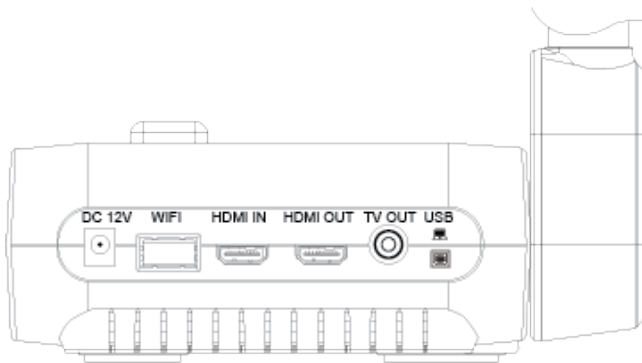
    Mic input                3.5 mm jack

    Speaker output        3.5 mm jack

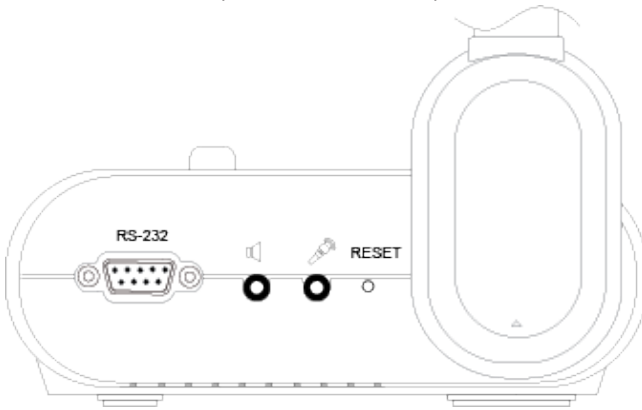
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**Connection panels**

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

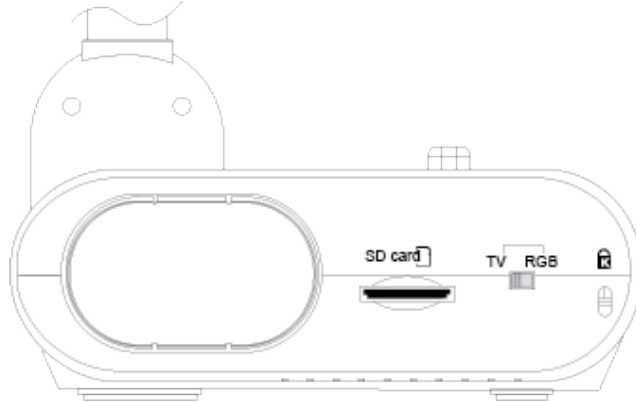


**Left panel**              The left connection panel has RS-232, speaker, mic connectors, alongside a reset button.



**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)

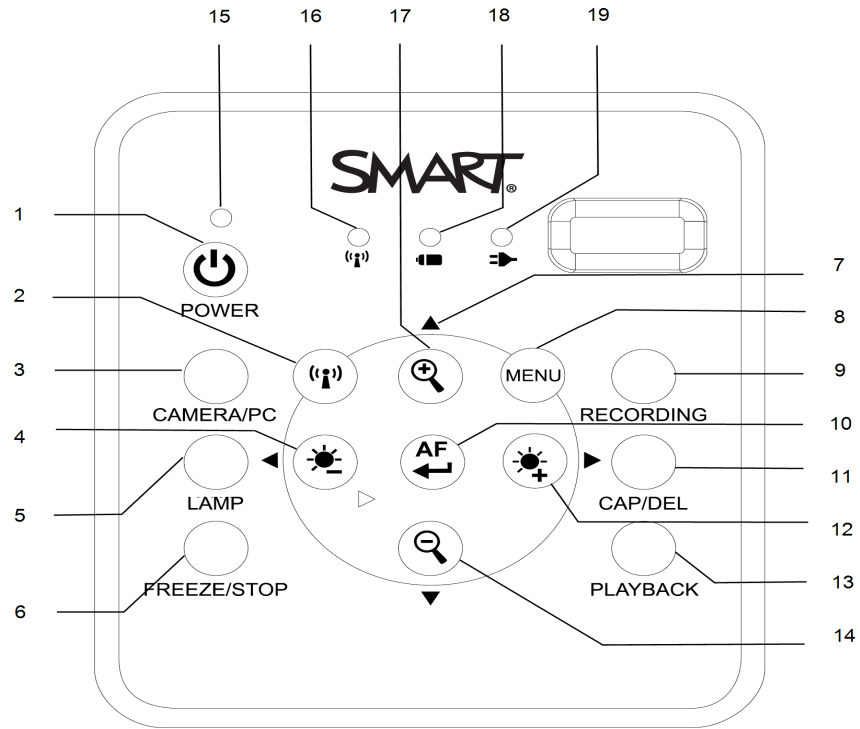
- Charge time with power off: 2.5 hours
- Charge time with power on: 5 hours

 **NOTE**

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

User interface

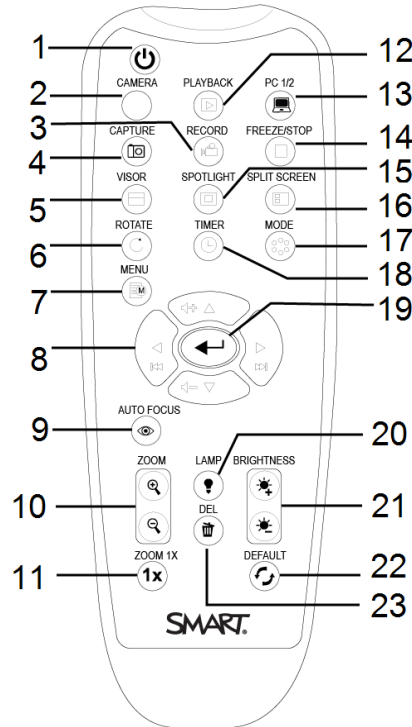
Control panel



- |                                   |                              |
|-----------------------------------|------------------------------|
| 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

|                        |   |  |
|------------------------|---|--|
| <b>Part number</b>     | North America - 1030796<br>Europe/United Kingdom - 1030825<br>Australia/New Zealand - 1030922   |  |
| <b>Package content</b> | SDC-550<br>Remote control<br>2 × AAA batteries<br>WiFi dongle   | 6' USB mini-B<br>10' power adapter<br>Microscope adapter kit<br>Anti-glare sheet |
| <b>Documentation</b>   | Included with the product: product card, cautions and warnings, and quick connect guide. The user's guide is available online ( <a href="http://smarttech.com/kb/171225">smarttech.com/kb/171225</a> ). |  |
| <b>Warranty</b>        | Five-year limited equipment warranty<br>One-year limited battery warranty   |  |

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