## **SMART Document Camera**

#### Specifications – Model SDC-280

## **Physical Specifications**

Size

**Set up** 16 1/4" H × 14 5/8" W × 16 1/4" D

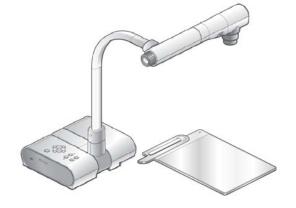
 $(35 \text{ cm} \times 37 \text{ cm} \times 41.2 \text{ cm})$ 

**Folded** 17 1/2" H × 7 3/4" W × 10" D

 $(44.5 \text{ cm} \times 19.5 \text{ cm} \times 25.5 \text{ cm})$ 

Presentation Stage  $9" \times 12" (23 \text{ cm} \times 30 \text{ cm})$ 

**Weight** 6.4 lb. (2.9 kg)



All dimensions +/- 1/8" (3.2 mm). All weights +/- 2 lb. (0.9 kg).

**Standard Features** 

**Image Pick-up Device** 1/3" progressive scan CCD; 850,000 pixels

Effective Pixels 1024 (H) x 768 (V)

Frame Rate Maximum of 20 frames per second

**Resolution RGB** 

Output

600 (H) x 600 (V) TV lines

Video Output 400 (H) TV lines

**Zoom** Powered, 5.2× optical, 8× digital

**Lens** F2.8 to 3.2, f = 3.85 mm to 20.02 mm

**Shooting Area** Max. 16 7/8" × 12 1/2" (426 mm × 317 mm)

Min. 3 3/4" x 2 3/4" (94 mm x 71 mm) for 17" document

Control Panel Power, PC, Camera, Menu, Image Save and Brightness buttons

Focus Auto/Manual (powered)

Brightness Control Auto (level control provided)/Manual (powered)

Power Consumption 9 W

**Power Source** 100 VAC-240 VAC, 50/60 Hz

AC Adapter 12V DC, 2.0A

**Documentation** Installation and user's guide

**Certifications and** 

Compliance

CE, FCC, ACPEIP (China RoHS), RoHS (Europe), WEEE

Lighting LED illumination lamp

Security Kensington Security slot

#### Specifications - Model SDC-280

Standard Features

Cables 4' 11" (1.5 m) Power cable (country specific)

5' 10" (1.8 m) USB cable 6' 6" (2.0 m) RGB cable

**Software** SMART Notebook software included. See the <u>SMART Notebook software specifications</u> for a

complete list of system requirements. Software upgrades are available at

www2.smarttech.com/st/en-US/Support/SBS/.

Warranty Five-year limited equipment warranty. See warranty documentation for details.

Also Includes Presentation stage, magnetic sheet, anti-glare sheet (A5 size), dust cover

Optional Accessories USB-XT 16' (5 m) USB active extension cable

CAT5-XT USB to Cat 5 cable extender set, includes two 6' (1.8 m) USB cables

**User Interfaces** 

Controls White balance (Auto/Push Set/Manual)

Pause mode Free-stop arm 5.2x optical zoom 8x digital zoom

SMART Notebook Software 10 or Later

via USB

Screen capture Image magnification Image brightness Image focus

OSD (On-screen

Display) via RGB

Cable

Color/black and white selection

Gamma adjustment (graphics mode only) Edge enhancement (graphic mode only)

Negative/positive conversion Image rotation (0°, 180°)

Text mode

State presetting (up to four user settings)

Microscope viewing mode

Input/Output Connections

RGB output - XGA (1024 x 768 at 60 Hz)

Video output (composite)

RGB input USB B port SD card slot

LED illumination lamp

**Microscope Interface** 

Direct interface with optical microscopes less than 13 1/10" (33.3 cm) high

**Operating Specifications** 

**Operational Range** Temperature: 32°F–104°F (0°C–40°C)

Humidity: 30%-85% humidity, no condensation

**SMART Order Number** 

SDC-280 SMART Document Camera 280

# **Physical Dimensions**

