

# PCS-DS150

SONY

## Wireless Document Stand

### Like Two Cameras in One:

Enhance classroom, courtroom, or conference room presentations with an 18x zoom camera that's like having two cameras in one. The 1/4" color CCD Camera head rotates for viewing documents or 3D objects, and with a tilt of the arm or a rotation of the head, becomes a second camera for capturing a speaker or oversized image. Auto or manual focus.

### Wireless Convenience:

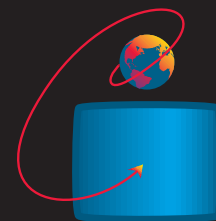
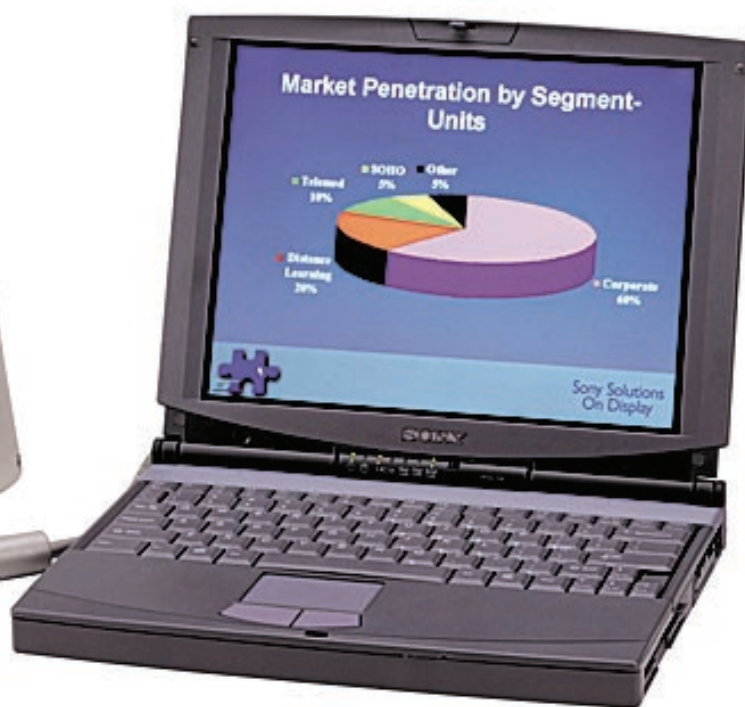
Enjoy the freedom of wireless hook-up. The built-in infrared capability provides wireless connection to Sony's PCS-1600 series videoconference systems. Add a Sony IFT-R20 infrared receiver, and the document stand can also be used wirelessly with Sony's PCS-6000 videoconference system or with any other videoconference system on the market.

### The Take Control Panel:

Take command of your presentations. The multi-function control panel provides one-touch command of operations such as focus, shutter speed, brightness, zoom, and power. Or take control remotely by using the Remote Commander® unit of the PCS-1600 series videoconferencing system.

### Instant Computer Presentations:

Turn any TV or monitor into a presentation device. The built-in scan converter converts a computer source to video for presentation on any NTSC display device. Computer applications, such as PowerPoint® presentations can then be incorporated into a videoconference and displayed on the monitor or on any TV.



VIDEOCONFERENCING

[www.sony.com/videoconferencing](http://www.sony.com/videoconferencing)

## The Ideal Presentation and Videoconferencing Tool for the Classroom, the Courtroom, or the Corporate Conference Room.

From classroom presentations to corporate videoconferences, the multi-functional, fully-featured PCS-DS150 Wireless Document Stand can liven up any presentation by providing options to incorporate a wide variety of media and content material including documentation, graphics, 3D materials, video, or presentations created with computer software such as PowerPoint. And the PCS-DS150 Document Stand can output all these inputs by wireless infrared linkup to the PCS-1600 series videoconference system — eliminating the need for direct wiring. The versatility, multi-functionality, and input options of this image capture tool make it ideal for use in education, distance learning, corporate training and meetings, legal evidence presentation, videoconferencing, and much more.

# PCS-DS150 Features

**LaserLink® Video Transmission:** The PCS-DS150 communicates with infrared-enabled videoconferencing system from up to 16 feet away, eliminating the need for direct wiring.

**Built-in CCD Camera:** Its 1/4" CCD Imaging provides clear, crisp images when viewing documents or 3D objects. The 18x zoom lens is perfect for close-ups, and its low light capability (3 lux) provides detailed images even in below normal room light.

**Versatile Camera Movement:** The camera arm can be raised or lowered for viewing 3D objects on a flat surface or for viewing people, wall charts, or large photographs, making it perfect for presenting legal evidence in a courtroom setting. The camera head can be swiveled for optimal viewing angles.

**Simple Controls:** The camera and basic functions can be controlled from a convenient panel at the base of the unit — or directly through the Remote Commander unit of the PCS-1600 series videoconferencing system.

**Built-in Scan Converter:** Converts PC output to a video source by converting RGB signals to NTSC. This feature incorporates computer applications such as PowerPoint directly into a videoconference and displays them on the monitor.

**Video Input/Output:** An S-Video input enables additional video sources, such as a video camera or DVD player, to be added to a presentation or videoconference. The S-Video output transforms any TV into a presentation device by providing video display capability via a wired hookup.

**Convenient Storage:** The CCD camera can be folded for safe, compact storage in a classroom or conference room.

## Configurations Available:



PCS-DS150 shown with camera head swiveled up



PCS-DS150 shown folded for convenient storage or carrying.



## PCS-DS150 Document Stand System Specifications:

- System Contains:**
- Document Stand
  - AC Power Adapter
  - AC Power Cord
  - Operating Manual
  - Quick Reference Card

### CAMERA

Video Signal	NTSC color, EIA Standards
Image Device	1/4" color CCD Approx. 380,000 pixels
Lens	f=4.1 to 73.8mm F 1.4 to 3.0
Zoom	x 18
Focus	Auto/manual/one-push auto
White Balance	Auto
Focal Distance	10 to 800 mm (3/8 to 19 3/4 inches)
Shutter Speed	1/4, 1/50, 1/100 sec. switchable
Minimum Illumination	3 lux at F 1.4
Horizontal Resolution	470 TV lines or more

### INFRARED TRANSMITTER

Max. Distance	5 m (16 feet, 4 7/8 inches)
Radiant Angle	Horizontal: 5 ° Vertical: 5 °
IR Emitter Rotation	Horizontal: ± 135 ° Vertical: + 30 °/-0 °
Infrared Center Wavelength	850 nm
Infrared Modulated Frequency	11.5 MHz (sync tip) to 13.4 MHz (peak) ± 0.5 MHz

### INPUT/OUTPUT

<b>RGB IN</b>	Mini 3-row, D-sub 15 pin
Pixels/V-frequency	VGA (640 x 480)/ 50 to 85 Hz SVGA (800 x 600)/ 56 to 85 Hz XGA (1024 x 768)/ 60 to 85 Hz*
Sync Signal	VESA standard, H-sync and V-sync are separated, Sync neg/pos is automatically recognized (Sync on Green is not accepted)

AUX IN	Mini DIN 4 Pin
Y:	0.714 Vp-p (75 ohms)
C:	0.286 Vp-p (75 ohms burst)
Monitor Out	Mini DIN 4-pin
Y:	0.714 Vp-p ± 10% (75 ohms)
C:	0.286 Vp-p ± 10% (75 ohms burst)

### GENERAL

Power Consumption	8.4V, 1.5A or less (when operating) 8.4V, 0.1A or less (when in standby)
Operating Temp	10°C to 35°C (50°F to 95°F)
Operating Humidity	20% to 80% (no condensation)
Storage Temp	-20°C to +55°C (-4°F to +131°F)
Storage Humidity	20% to 80% (no condensation)
Dimensions	120 x 480 x 380 mm (w/h/d) 4 3/4 x 19 x 15 inches
Weight	Approx. 2.6 kg (5 lbs. 12 oz.)

### AC ADAPTER

Power Requirements	100 to 240V AC, 50/60Hz
Power Consumption	2 W or less - Standby 20W or less - Operating
Operating Temp	10°C to 35°C (50°F to 96°F)
Operating Humidity	20% to 70%
Storage Temp	-20°C to +55°C (-4°F to +131°F)
Dimensions	125 x 29 x 62 mm w/h/d (5" x 1 1/16" x 2 1/2")
Weight	Approx. 230 g (8 oz)

### OPTIONAL ACCESSORIES FOR PCS-DS150

PCS-R160	Remote Commander®
IFT-R20	IR Receiver

**SONY**

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\*The XBA signal resolution whose frequency is 75Hz or higher will lose resolution. Printed in USA 2/2003

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