

## PCS-TL30P OUTLINE

The PCS-TL30P offers the ideal solution for desktop videoconferencing while its attractive price will remove any barriers for customers wanting to adopt cost-and-time-saving videoconferencing technology. It has a wide range of applications, from small office/home office, to large organisations and institutions aiming to bring people in touch with each other at the click of a mouse.

The PCS-TL30P is an all-in-one video communication system that includes a digital PTZ camera, a 17.1-inch widescreen XGA LCD that doubles as a PC monitor, speakers and a microphone in a single lightweight and slim body.

Network-ready out of the box, the PCS-TL30P is a video communication system which allows you to instantly communicate with your business counterparts over IP networks. This unit is ideal for use on individual desktops and can even be used in small meeting spaces as required. With the system's high-quality audio and video, reading expressions, voice tones, and body language can be done as if you are meeting face-to-face. The PCS-TL30P is the affordable videoconferencing solution for personal and professional use.

### FEATURES

**Video** The PCS-TL30P delivers high-quality live video, at bandwidths of up to 2 Mbps over IP networks. The PCS-TL30P complies with the ITU H.264 video codec standard in addition to previous versions of ITU codecs to maintain compatibility with legacy systems.

**Audio** The PCS-TL30P provides exceptionally clear, natural-sounding audio processing using the MPEG-4 AAC (Advanced Audio Coding) wideband audio standard. Dual-integrated speakers and a built-in echo cancelling microphone result in much higher audio quality than conventional speaker-phone systems.

**Data-Sharing Capabilities** With the optional PCSA-DSM1 Data Solution Module, which is neatly integrated into the rear of the unit, the PCS-TL30P is capable of sending or receiving any image that can be displayed on a PC (presentation data) in native XGA resolution during a videoconference. What's more, presentation data can be enlarged by connecting the unit to equipment such as a projector or a large display, while allowing the user to continue with live full-screen video on the screen of the PCS-TL30P.

**Participation in Multi-point Videoconferencing** The PCS-TL30P can be used to participate in multi-point videoconferences. When the PCS-TL30P is in a multi-point videoconference environment with an MCU (Multipoint Control Unit) software-equipped host system, the PCS-TL30P can receive multi-screen video images and audio directly from that host system. It can also both send and receive video and data to all connected systems.

**Memory Stick Support** Memory Stick and Memory Stick PRO support allows users to store their contact information, still image data received from videoconferencing counterparts and images from conferences on a Memory Stick. You can simply insert the Memory Stick and the unit automatically recognises and activates the user's private phonebook, eliminating the need to re-enter contact information.

Memory Stick support is also of real benefit to network administrators, allowing them to store, for example, factory settings, firmware updates or other network settings and configurations on a Memory Stick and use that to update or reconfigure units quickly and easily.



**QoS (Quality of Service)** Powerful advanced functions enhance Quality of Service, assuring consistent and optimal audio and video performance, even under changing IP network conditions.

**Security** The PCS-TL30P supports both H.235 encryption and the Advanced Encryption Standard (AES) to safeguard video, audio and data against unauthorised interception, ensuring that confidential information remains secure throughout the conference.

**Ease Of Use** The PCS-TL30P is easy to operate using the supplied mouse connected directly to the unit. What's more, the mouse can also be used to control a PC. Intuitive interfaces make it quick and simple to install and to set up calls, which can be launched at the click of the mouse by using the phone book entries.

### FEATURES

- All-in-one Videoconference System
- Simple mouse operation - for both PC and VC
- Intuitive Graphical Menus
- One-click Dialling
- Flexible Display Modes
- IP, SIP and Cisco Skinny

## PCS-TL30P Personal Desktop Videoconferencing System

[www.sonybiz.net/vc](http://www.sonybiz.net/vc)



# PCS-TL30P SPECIFICATIONS

## VIDEO

Standards	H.261, H.263, H.263+, H.263++, H.264, MPEG-4 SP@L3
Resolution	QCIF (176 x 144), CIF (352 x 288)
Frame rate	5/30 frames/s
Bit rate	Up to 2 Mb/s (2048 kb/s) in H.323 (Incl. Audio)

## AUDIO

Bandwidth and coding	G.711: 3.4 kHz at 56/64 kb/s G.722: 7.0 kHz at 48/56/64 kb/s G.728: 3.4 kHz at 16 kb/s G.729: 3.4 kHz at 8 kb/s MPEG4 AAC (mono) 14 kHz at 64/96 kb/s
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## INTEGRATED DISPLAY

LCD	17.1 inch Widescreen TFT
Aspect Ratio	15:9
Resolution	1280 x 768 (WXGA)
Response	13 ms or less
Contrast ratio	600:1
Horizontal viewing angle	176°
Colours	16.7 million

## GRAPHICS

XGA	1024 pixels x 768 lines (H.263), with PCSA-DSM1
4CIF	704 pixels x 576 lines (H.261 Annex D, H.263)

## SCREEN LAYOUT

Full screen	17.1 inch Full-screen (1280 x 768) display
Picture-in-Picture	Sub screen size (256 x 192), One of four corners
Picture-and-Picture (1)	Main screen size (1024 x 768) Sub screen size (256 x 192), Located at upper right-corner of display
Picture-and-Picture (2)	Main/Sub screen size (640 x 480), Side-by-Side Split Screen

## ITU-T STANDARDS (EXCLUDES AUDIO/VIDEO STANDARDS)

H.323, H.225, H.281 FECC, H.245, H.239, H.235

## NETWORK PROTOCOLS

TELNET (Server), HTTP (Server), FTP (Server), SNMP (Agent), DNS (Client), DHCP (Client), RTP/RTCP, TCP/UDP

## CONTROL PORT

LAN (Ethernet), RS-232C

## LIP SYNCHRONISATION

Manual On/Off

## SECURITY

H.235 and AES

## NETWORK FEATURES

QoS (Quality of Service)	ARC (Adaptive Rate Control), Real-time ARQ, (Auto Repeat reQuest), IP Precedence, DiffServ
NAT	Network Address Translation
UPnP	Universal Plug and Play
PPPoE	Point-to-Point Protocol over Ethernet
Port Numbers	PCS-TL30P can be manually configured by an administrator

## INTEGRATED CAMERA

Image device	1/3.2 inch CMOS
Number of effective pixels	Approx. 1.3 million pixels
Picture Format	4CIF
Focal length	2.3 mm (F2.8)
Focus	Pan Focus
Zoom ratio	x 3 (Digital)
Horizontal viewing angle	88°
Pan angle	-29° to +29° (Digital)
Tilt angle	-24° to +24° (Digital)
Presets	Up to 6 presets
Others	Backlight compensation, Auto white balance

## INTEGRATED MICROPHONE

Frequency response 14 kHz, Narrow-angle directional microphone

## INTEGRATED SPEAKERS

Output 3 W x 2

## INTERFACES

Video	RGB input, mini D-Sub 15-pin x 1
Audio	External microphone input (mini-jack, plug in power) x 1, External headphone output (stereo mini-jack) x 1
Network	10Base-T/100Base-TX x 1
Memory Stick	I/F Memory Stick Slot x 1
PCSA-DSM1 Interface	Dedicated connector x 1
RS-232C	D-sub 9-pin x 1

## GENERAL

Operating temperature	5 °C to 35 °C
Operating humidity	20% to 80%
Storage temperature	-20 °C to +60 °C
Power Requirements	AC 100 to 240 V, 50/60 Hz
Power Consumption	DC 19.5 V, 6.15 A
Dimensions (W x H x D)	424 x 376 x 95.5 mm (16 3/4 x 14 7/8 x 3 7/8 inches), excl. stand 424 x 419 x 258 mm (16 3/4 x 16 1/2 x 10 1/4 inches), incl. stand
Mass	Approx. 8 kg (17 lb 10 oz)

## SUPPLIED ACCESSORIES

PCS-AC19V6A or PCGA-AC19V7 (AC Adaptor), PCS-RMU1 (Optical Mouse), Quick Start Guide, Operation Manual CD-ROM, Worldwide Warranty Booklet, Power Cord

## OPTIONAL ACCESSORIES

PCSA-DSM1	Data Solution Module
PCS-A1	Omnidirectional Microphone
PCS-A3	Unidirectional Microphone

## PCSA-DSM1

Interfaces	Dedicated connector x 1,
(input/output)	RGB output D-sub 15-pin x 1
Dimensions	(W x H x D) 107 x 250 x 34 mm (4 1/4 x 9 7/8 x 1 3/8 inches), excl. projections
Mass	550 g (1 lb 3 oz)

## Dimensions

Unit: mm (inches)



## Rear Panel



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