

PCS-XTL80

Personal and small room solution

This totally flexible system works in a wide variety of environments, providing ultra realistic HD1080 pictures for high quality videoconferencing.

The PCS-XTL80 is a compact solution for day-to-day videoconferencing capable of delivering full 1080i high definition pictures where space is at a premium. An ideal choice for small offices and home offices, shop kiosks, desktops and smaller meeting rooms. With four times the resolution of standard definition, you'll see details that simply weren't visible with SD. Sound quality is superb and the system is easy to use with features such as one touch dialling and single cable connection. The camera adjusts from -5° to $+15^{\circ}$ and includes an omni-directional electrets microphone to maximise the small room videoconferencing experience. Communications are truly effective, despite the lack of space.

Leistungsmerkmale

H.239 Dual Stream 30fps

Presentation transferred at up to 30fps (with optional software)

HDMI Cable Connection

Easy to connect up to an HDTV with just one cable.

Compact and Stylish Design

Highly suited to a variety of meeting rooms and small environments.

Technische Daten

Video

Video codec	H.261, H.263, H.263+, H.263++, H.264, MPEG-4 (SIP only)
Resolutions	4:3 QCIF (176 x 144), CIF (352 x 288), 4CIF (704 x 576) 16:9 wCIF/w288p (512 x 288), w432p (768 x 432), w4CIF (1024 x 576), 720p (1280 x 720), 1080i (1920 x 1080)

Versatile Camera

12x optical zoom camera with flexible installation options.

Vorteile

High Definition visual communication

With approximately four times more detail than standard definition (SD) images, the exceptional HD video quality of the PCS-XG80 takes your visual communications to the next level. The HD video quality provided by Sony not only enhances your daily videoconferences with life-like images, but also lets you see details that were not before visible with SD systems - which is especially useful for applications such as product design conferences.

Intelligence

As with all other Sony videoconferencing products, the PCS-XG80 comes with an encryption function for highly effective security to make sure that your confidential information stays secure. The built-in Quality of Service (QoS) mechanisms make sure that you always get the best quality out of your IP network, even under changing network conditions. Furthermore, the system uses standards-based technology to ensure the highest degree of connectivity with other systems.

Maximum Frame Rate	H.261 QCIF 30fps, CIF 30fps H.263 QCIF 30fps, CIF 30fps, 4CIF 15fps H.264 QCIF 60fps, CIF 60fps, 4CIF 60fps, wCIF 60fps, w432p 60fps, w4CIF 60fps, 720p 60fps, 1080i 60fps
Bit rate	IP 64 kb/s to 10 Mb/s ISDN 56 kb/s to 768 kb/s (with optional PCSA-B768S) 56 kb/s to 384 kb/s (with optional PCSA-B384S)
Input formats	Video 1080 x 60i, 1080 x 50i, 720 (via command) RGB 1280x1024, 1280x768, 1024x768, 800x600, 640x480 Output formats: Video 1080 x 60i, 1080 x 50i RGB 1280x1024, 1280x768, 1024x768

Audio

Coding	MPEG-4 AAC-LC MPEG-4 AAC-LD G.711 G.722 G.728 Stereo and Mono audio support 14 kHz & 22 kHz support
Echo Cancellation	Stereo echo-cancelling supported, Noise reduction included, Automatic gain control included

Screen Layout

ITU-T Standards (Excludes Communication Protocol/Audio/Video Standards)

Other Standards

Network Protocols

Multipoint Capabilities

Security

Data Sharing

Mic Off Function

Network Features

Camera Control with Remote Commander and GUI

Interface

Video Input	AUX Video Input (S-Video x1, analog component Y/Pb/Pr x1, RGB x1)
Video Output	HDMI (video, audio) x1, RGB x1
Audio Input	Mic Input x2 (stereo x 1/mono x2, plug-in power) up to 14 kHz EC-Mic Input x2 (PCSA-A7) up to 14 kHz Audio Input (MIC/AUX) x 2 (RCA pin, stereo) up to 22 kHz (AUX)
Audio Output	HDMI (video, audio) x 1, Line Output (RCA pin, stereo) x1, REC Output (RCA pin, stereo) x1
Operating temperature	0 to 50 °C
Network	10BASE-T/100BASE-TX x2, ISDN Unit Interface x1
Aux Control	RS-232C x1 (Rear Panel)
Memory Stick	Memory Stick Slot x1
Tablet Interface	Tablet Interface x1
Maintenance Interface	RS-232C x1 (Front Panel)

General

Operating Temperature	5 to 35 °C (41 to 95 °F)
Operating humidity	20% to 80% (non condensing)
Storage temperature	-20 to 60 °C (-4 to 140 °F)
Storage humidity	20% to 80% (non condensing)
Power requirements	DC 19.5 V (AC Adapter : AC 100 to 240 V, 50/60 Hz)
Power consumption	40 W (codec only)/90 W (with camera and peripherals PCSA-A7P4, PCSA-B768S)
Power Consumption (stand-by)	10 W (codec only)/15 W (with camera and peripherals PCSA-A7P4, PCSA-B768S)
Dimensions	(W x H x D) 282 x 56 (including rubber feet) x 244 mm (11 1/8 x 2 1/4 x 9 5/8 inches), excl. projections
Mass	Approx. 2.2 kg (4 lb 14 oz)
System components	PCSA-CXTL80 HD Video Camera, PCS-XG80S Video Codec

HD camera unit

Camera	PCSA-CXTL80
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Image device	1/3-type IT CCD x3
Resolution	1080 /50i
Effective pixels	Approx 2 Megapixels
Focal length	5.1 to 51 mm (F1.8 to F2.1)
Horizontal Image Angle	5.4° (tele) to 50° (wide) (67° with wide conversion lens)
Zoom ratio	x10 optical zoom (x12 with digital zoom)
Pan/Tilt Angle	-5° to + 15° (Manual Tilt)
S/N	Approx 50 dB
Video Out	Fixed camera connection cable
Operating Temperature	0 to 45 °C (-4 to 140 °F)
Operating Humidity	20% to 80% (non condensing)
Storage Temperature	-20 to 60°C (-4 to 140°F)
Storage humidity	20% to 95% (non condensing)
Power requirements	DC 6-12V(supplied via the codec)
Dimensions	70 x 92 mm (Diameter x D) excl. bracket
Mass	Approx. 0.5 kg (1 lb 1 oz) including fixed cable
Supplied Accessories	Fixed Camera cable (1.8m), Hook-and-loop pad, Operating instructions