Richer, more rewarding communications: share video, voice and PC presentations with HD quality

Ideal for a wide range of business communications, the PCS-XG100H and PCS-XG77H videoconferencing systems offer superb picture and sound quality, plus smart features to enrich collaboration across your organisation.

Crystal-clear images from the high quality PTZ camera* are complemented by clear, natural sounding stereo audio. Dual streaming allows video and PC presentations to be shared simultaneously with viewers at a remote location. See ‘near’ and ‘far’ camera images plus PC presentations with exceptional layout flexibility on one, two or three connected video monitors. HD conferences can be streamed as live webcasts, or recorded to USB memory for easy sharing and review.

The integrated MCU (PCS-XG100H only) allows multi-point conferences over ISDN or IP, choose for either six or nine sites options via a simple software upgrade. What’s more, two PCS-XG100H systems can be cascaded without additional hardware to link 16 sites simultaneously.

Set-up is refreshingly straightforward, with quick booting so you’re ready for business faster. Operation is easy, too: just select a contact using the supplied remote commander to launch your conference at a touch of a button.

* Also available as PCS-XG100S/XG77S ‘codec only’ version without PTZ camera.
Features

Express yourself clearly with Full HD 60p images
Communicate more clearly and effectively with smooth, detail-packed video conferences at up to Full HD (1920 x 1080) 60p resolution for exceptional realism. You’ll even enjoy HD quality picture quality at low bit rates when network bandwidth is limited. (NB: PCS-XG77H requires optional software to display 1080p 60 fps).

Smooth 30fps Full HD dual streaming
Send dual HD 1080p video streams simultaneously (camera image and PC presentation) at a smooth 30 frames per second in accordance with H.239 standards. The other conference party can see both Full HD (1920 x 1080) images simultaneously on two connected monitors.

See everything with triple monitor mode
Support for three video monitors allows full-size simultaneous views of ‘far’ and ‘near’ video sources (via HDMI) on two separate screens, plus a third screen (via DVI-I) showing smooth, crisply detailed PC presentations.

Three images, one monitor
If you’ve only got one monitor, up to three separate images (far, near and PC) can be displayed simultaneously with a choice of screen layout options: Full Screen, PinP, PanP, Side by Side or PanP/PanP.

High quality stereo audio
Using two PCS-A1 microphones ensures more natural, lifelike conferences with crisp, clear stereo sound. The built-in echo canceller makes speech even more natural-sounding and easier to follow.

Stay connected
Easy, wireless videoconferencing from your tablet or smartphone with PCS-MEP with optional software (compatible with iOS and Android).

Easy multi-point conferences
The in-built Multipoint Control Unit (MCU) allows simultaneous connection between up to six or nine sites adding either the optional PCSA-MCG106 or PCSA-MCG109. Two PCS-XG100H units can also be cascaded to support a maximum of 16 sites, with no additional hardware needed.

Continuous Presence mode with Voice Activation Switching
See everyone clearly with support for three, four, six or nine-screen continuous-presence modes. Voice Activated Switching automatically displays the active speaker on the largest sub screen alongside other participants, or can display the current speaker in full-screen mode.

Easy usability with Video Annotation
Add an optional tablet/pen interface to sketch notes and highlight your point clearly on shared data presentations.

Stable, consistent conferencing
Enjoy stable transmission of HD video, voice and data with Enhanced Intelligent QoS™ (Quality of Service) Functions that ensure fast, consistent data throughput that adapts transmission to take account of changing network conditions.

HD multicast streaming
Stream videoconferences across your corporate network as ‘live’ webcasts at 720p resolution for viewing on any networked PC and web browser.

USB recording
Record HD video (720p), voice and PC presentations direct to USB memory for easy storing and sharing.

Second camera support
Adding an optional second PTZ camera (Sony SPC/BRC/EVI series models) gives greater freedom to ensure every meeting participant is adequately covered – for example when seated around a boardroom table.

HDMI input
Easily connect an additional video source – such as a camcorder or document camera – via HDMI.

Highly secure
Keep your business private, just the way it should be. Support for 128-bit AES encryption ensures safe, highly secure voice/video/data conferences with other compliant systems.

Easy operation and quick start-up
Enjoy simple operation with the attractive, intuitive on-screen interface. Quick start-up from initial switch-on has you ready to start conferencing in less than a minute – far faster than many other systems.

One-touch dialling
Enjoy the speed and convenience of one-touch dialling with the newly designed RFZ Remote Commander unit that does not have to be pointed directly towards the system. Just browse and select from the thumbnail image any of up to 1000 stored contacts: up to four regularly-accessed contacts can be shown on the home screen.

Easily switch between LAN and WAN connections
Dual network interfaces allow easy switching between office-base LAN and WAN connections – saving time if you need to use the system both within an intranet environment and over the public Internet. Multi-point connections can also be made between LAN and WAN environments.

PrimeSupport for extra peace of mind
To keep you up and running, PCS-XG100H and PCS-XG77H video conferencing systems come as standard with a 3-year PrimeSupport package. This includes repair or replacement in the event of a faulty unit, plus free telephone helpdesk support in English, German, French, Italian and Spanish. For full details please visit www.pro.sony.eu/primesupport
Ideal for:
• Mission-critical business communications
• Virtual meetings and collaborative projects
• Remote working
• Medical consulting
• Distance learning and training
• Higher education
• Remote broadcast interviews

Energise your business communications with smarter, more satisfying collaboration
Specifications

<table>
<thead>
<tr>
<th>Camera (SRG-120DH)</th>
<th>PCS-XG100H</th>
<th>PCS-XG77H</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Image Sensor</strong></td>
<td>1/2.8-type &quot;Exmor&quot; CMOS image sensor</td>
<td>Approx. 2.1 Megapixels</td>
</tr>
<tr>
<td><strong>Output (Max.</strong></td>
<td>1920 x 1080</td>
<td></td>
</tr>
<tr>
<td><strong>Gain</strong></td>
<td>59.94 fns</td>
<td></td>
</tr>
<tr>
<td><strong>Right/Left Control</strong></td>
<td>AutoManual</td>
<td></td>
</tr>
<tr>
<td><strong>Zooming</strong></td>
<td>x144 zoom (12X optical zoom, 12X digital zoom)</td>
<td></td>
</tr>
<tr>
<td><strong>Focus Range</strong></td>
<td>1.3 mm to 45.8 mm</td>
<td></td>
</tr>
<tr>
<td><strong>Pan/Tilt Angle</strong></td>
<td>Pan: ±100°/Tilt: +25°</td>
<td></td>
</tr>
<tr>
<td><strong>F-Number</strong></td>
<td>F1.8 to F2.0</td>
<td></td>
</tr>
<tr>
<td><strong>Horizontal Viewing Angle</strong></td>
<td>Approx. 171°</td>
<td></td>
</tr>
<tr>
<td><strong>Pan/Tilt Angle</strong></td>
<td>Pan: ±100°/Tilt: +25°</td>
<td></td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>Supplied from Codex Unit</td>
<td></td>
</tr>
<tr>
<td><strong>Other Features</strong></td>
<td>Auto Gain Control, View-Off, X-YNN, Backlight Compensation</td>
<td></td>
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**Key Features**

- Multicam Capability: Up to 6 sites (H.320/H.323) with optional software PC-SA-MCG106, up to 9 sites (H.323) with optional software PC-SACG109, PC-SACG109x2 (2 sites) with software option H.323/H.324
- Data Sharing: PC images up to 1080p resolution is supported with optional license (SIGA std.)
- Video: Video applications
- Supports: ON/OFF, AUTO
- Mic Off Function: ON/OFF
- Audio Input: (MIC/AUX) x 2 (Phono jack, stereo)
- Audio Output: External microphone input Mini-jack (Plug in power) x 6 up to 12B channels
- Command unit (2), CD-ROM (Operating instructions, Before Using the unit, Warranty booklet (1), Camera cable (3m) for HD camera (1)
- Microphones (1) (PCS-XG77H), AC adapter (1), HDMI cable (1), Optional software (SXGA standard)

**Optional Accessories**

- PCS-A1 Omnidirectional Microphone
- SRG-300H 1080p/60 HD Pan/Tilt Camera
- PCS-A8345 3-line ISDN unit (up to 64 channels)
- PCS-A8768 6-line ISDN unit (up to 128 channels)
- PCS-MEP IPLE Communication Mobile app

For full features visit www.pro.sony.eu/products/visual-communications

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