

HD Visual Communication System PCS-XG80



Transform your daily business communication style with the powerful and compact PCS-XG80 HD visual communication system.

As a leader in the AV industry, Sony has set the new benchmark in videoconferencing capabilities with the introduction of the first full High Definition (HD) visual communication system – the PCS-XG80.

Powerful, affordable, and compact, the PCS-XG80 delivers 1080i HD video quality to make your daily business communication style more effective, productive and comfortable.

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

Providing crystal-clear images even when used in rooms with less than ideal lighting conditions, the PCS-XG80 HD camera uses Sony BrightFace™ technology. The unit also features crisp and natural-sounding stereo audio, allowing you to hold videoconferences with “real communication” as if everyone were talking in the same room.

Making videoconferencing a powerful mainstream business communication tool, the PCS-XG80 has been designed to be extremely user-friendly. With an intuitive Graphical User Interface (GUI) that employs a simple layer structure and translucent cascading menus, the system makes videoconferencing easier than ever before.

The PCS-XG80 offers a number of other features for user convenience, such as One-touch dialing for starting a videoconference, an HDMI interface allowing a single cable connection between the codec and display, an embedded MCU for multi-point connections¹, and a new RF Remote Commander™ unit that can be operated without having to be pointed directly towards the system. The PCS-XG80 is also backward compatible with SD videoconferencing systems, allowing seamless integration with existing SD systems.

You can enhance the quality of your videoconferences with effective data sharing (video and presentation data) because the PCS-XG80 complies with the ITU-T H.239 standard¹. From PowerPoint and animations to live DVDs, you can also seamlessly share PC data in HD at 30 frames per second. With the dual stream functionality, this means that you can actually send two separate streams of live, HD information in parallel. For example, both live camera view and animated PowerPoint can be displayed in full HD on two different screens or projectors at your videoconference. By using the Video Annotation function², you can clearly point out specific parts of an image by writing on a tablet. With these outstanding data-sharing tools, you can now minimize the possibility of misunderstandings during your videoconference.

Ideal for videoconferencing at all levels of business, as well as for distance learning, the Sony PCS-XG80 adds the clarity and impact of High Definition videoconferencing to your daily communication solutions.

¹ Requires optional software

² Requires an optional third-party tablet input device

HD

IPELA™
INTEGRATED VISUAL COMMUNICATION

PCS-XG80 Key Features

Simple setup and easy operation

- Single cable connection to HDTV with HDMI interface
- Intuitive GUI – simple layer structure/translucent cascading menus
- One-touch dialing with newly designed RF Remote Commander™ unit
- Simulated image



Stable and secure videoconferencing

- Intelligent QoS™ function – intelligently allocates video data based on the network condition to maintain high picture quality
- H.235 advanced encryption standard for high security

Unique features for enhanced applications

- Dual network interfaces – easily switch between LAN and WAN connections
- Memory Stick™ recording – video and audio can be recorded for later review³
- Built-in streaming function for broadcasting to large audiences³
- Integrated visual communication – view images from an IP camera³ during a videoconference

Stunning HD images and superb audio quality

- 1080i HD – excellent image quality
- BrightFace™ technology optimizes image quality even in less than ideal lighting conditions
- Life-like stereo sound
- Natural and clear voice communications with advanced echo canceller

Other Features for Efficient Videoconferencing

- ITU-T H.239 support (video and presentation data) – Presentation data transferred at 30fps (with optional software)⁴
- Video annotation function (with optional third-party tablet input device)³
- Multi-point connection – embedded MCU (with optional software)⁴
 - Six-site videoconferencing
 - Supports ten-sites when two units are cascaded
 - Supports six-site continuous presence mode with voice-activated switching
- Backward compatibility with SD systems
- Compact and stylish design suitable for a variety of meeting rooms



Codec specifications:

Approximately 282mm (W) x 52mm (H) x 244mm (D)
(11 1/8 x 2 1/8 x 9 5/8 inches)
Approximately 2.2 kg mass excluding projections
(4lb 14oz)

³ These functions are available except when using the 1080i format.

⁴ These functions are available except when using the 1080i or 720/60p video formats.

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