

HD Visual Communication System PCS-XG80

HD



Connect Your Vision

IPELA™

Change Your Daily Business Communication Style With the Powerful and Compact PCS-XG80 HD Visual Communication System

Sony, a leader in the AV industry, introduces a new form of high-definition (HD) visual communication with the PCS-XG80. Powerful, affordable, and compact – the PCS-XG80 achieves 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 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. What's more, the PCS-XG80 HD camera adopts the Sony developed BrightFace™ technology that produces clear images even when used in rooms with less-than-ideal lighting conditions. The unit also features clear and natural-sounding stereo audio, allowing you to hold videoconferences with "real communication" as if you were talking in the same room.

To make 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. Moreover, 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 connections,*1 and a new RF Remote Commander™ unit that can be operated without having to be pointed directly towards the system. What is more, the PCS-XG80 is backward compatible

with SD videoconferencing systems allowing seamless integration with existing SD systems adopted for your business.

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 standard.*1 Presentation data can be transferred at a frame rate as high as 30fps, which makes it possible to present animations during a videoconference. Moreover, by using the "Video Annotation" function*2 of the PCS-XG80, 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 misunderstandings during your videoconference.

Achieving 1080i HD video quality and life-like sound, the powerful, affordable, and compact PCS-XG80 HD Visual Communication System is ideal for videoconferencing at all levels of business, as well as for distance learning. HD videoconferencing is now available for your daily communication needs.

*1 Requires optional software *2 Requires an optional third-party tablet input device



PCS-XG80 Key Features

– Change Your Daily Business Communication Style!

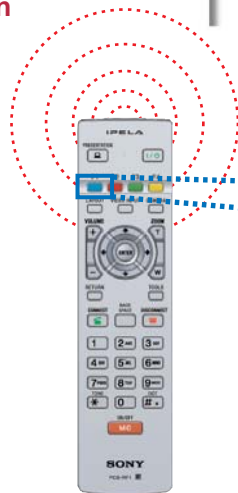


Stunning HD Images and Superb Audio Quality

- 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 With Advanced Echo Canceller

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



“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 Review*4
- Built-in Streaming Function for Broadcasting to Large Audiences*4
- Integrated Visual Communication – View Images From an IP Camera*4 During a Videoconference

Other Features for Efficient Videoconferencing

- ITU-T H.239 Support (video and presentation data)
– Presentation Data Transferred at 30fps (with optional software)*3
- Video Annotation Function (with optional third-party tablet input device)*4
- Multi-point Connection – Embedded MCU (with optional software)*3
– 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 Dimensions (W x H x D):

Approximately 282 x 52 x 244 mm (11 1/8 x 2 1/8 x 9 5/8 inches)
Excluding projections

Codec Mass: Approximately 2.2 kg (4 lb 14 oz)

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

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

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