

Polycom® iPower™ 600

Compact, versatile and convenient.

BENEFITS

- Natural, intuitive meetings – just like being there
- Superb quality – excellent video and CD-like audio
- Simple, powerful, data sharing – spreadsheets, documents, models, the Web and more
- Add a laptop to the meeting at the touch of a button using ImageShare II
- Easy to use – familiar point and click user interface
- People and information viewed simultaneously – no need to lose eye contact
- Unique styling, designed for convenience and flexibility in an exceptionally small footprint
- PC-based, for power and flexibility
- Expanded connectivity – for ISDN and IP networks and USB peripherals
- Common user interface across all iPower models
- Increased usage – use the system off the video call

The iPower 600 is no ordinary videoconferencing appliance. It is a new breed of system, offering much, much more.

Imagine a unique compact unit. One that offers a range of video and data collaboration functions and features going far beyond the limits of traditional videoconferencing. Used for simple meetings it delivers amazing quality and reliability. Used for deeper, richer, collaborative efforts, its built-in PC dramatically increases productivity and effectiveness. This is the iPower 600.

iPower 600 systems are built around iPower. iPower is a new architecture for real-time collaboration. iPower imitates how real groups work, face to face. Teams integrate whatever information they need into their discussions quickly and easily. iPower puts the focus on the meeting content not the technology. Unlike traditional videoconferencing, iPower was designed from the start to support seeing, hearing and sharing.

Technology at your service. With People+Content™, people views are optimized for motion while data views are optimized for high resolution. Siren™ 14 delivers CD-like audio for the clearest conversations yet. ImageShare™ II helps you get laptop data into the discussion at the touch of a button. Sure Connect™ and Network Optimizer™ work to make sure calls go through simply and reliably. And a host of other improvements make your meetings really productive by allowing you to choose what you want to show and when you want to show it.

Designed for the way people work today and in the future. The iPower 600 comes in a unique package created specially to adapt to practically any environment. Installed as an all-in-one appliance,

it fits conveniently on top of a typical monitor. Split in two, its sleek camera/microphone module can be mounted easily on a flat-panel display, or on the wall next to a projector screen.



iPower™ 600 Specifications

Audio, Video and Data Specifications

ITU-T H.320 and H.323 compliant

Audio

- 14 kHz with Siren™14
- 7 kHz with PT716plus, PT724™, G.722.1, G.722
- 3.4 kHz with G.711, G.723.1, G.728, G.729
- Integrated Dynamic Echo Cancellation (IDEC™)
- Automatic Gain control (AGC)
- Automatic noise suppression (ANS)

Video

- H.261, H.263, H.263+, H.263++

Data and control

- T.120, Integrated Microsoft NetMeeting
- H.281 far-end camera control for H.320
- Annex Q far-end camera control for H.323
- H.243 multipoint

People video resolution

- FCIF, QCIF
- 30 fps at 256 kbps and above

Content video resolution

- XGA (1024x768), SVGA (800x600), VGA (640x480) for PC content
- 4CIF, NTSC, FCIF for S-Video or composite inputs

People+Content™

Features include:

- Dual images (view people and high-resolution content simultaneously)
- Synchronized content ("what you see, they see")
- Persistent previews (video thumbnails)
- Customizable video source labels
- Auto-sensing inputs

System Connections

Video input

- Optional alternate Limelight main camera (8-pin mini DIN) – People
- Video content (document camera, etc.) (4-pin mini DIN/s-video) – Content
- Direct connect laptop/ImageShare II (15-pin D sub) – Content
- VCR (RCA) – Content

Audio input

- 1 microphone input (PowerMic™), daisy-chained up to 4; or line-level (RCA) via adapter
- 1 audio input (3.5 mm) – headset jack
- 1 PC audio input (3.5 mm)
- 1 VCR input (RCA)

Video output

- Main display/content display: SVGA or XGA (15-pin D sub)
- People display: NTSC or PAL (S-video, composite)
- VCR output (RCA)

Audio output

- Main audio Right and Left (RCA)
- 1 audio out (3.5 mm) – headset jack
- VCR output (RCA)

Network interface

- IP (LAN, DSL, Cable Modem), Ethernet 10/100, up to 768 kbps

- ISDN, single/quad BRI S/T (128Kbps/512Kbps)
- Voice-only and voice-add calls over ISDN and IP

System Components

Computer system

- Celeron 566 MHz, 128 MB RAM, 10 GB hard disk
- 4 dedicated DSP chips for conferencing application
- Windows 2000 Professional
- Ethernet 10/100 port, 2 USB ports

Integrated detachable microphone/camera module

- Camera – motorized pan-tilt-zoom camera, with automatic camera pointing including "dialog mode"
- Tilt range: +15° to -30°, pan range: ±90°
- Horizontal field of view: 51°
- Total field of view: 231°
- Horizontal resolution: 430 HTVL
- Zoom range: 12x

Integrated microphone

- Built-in superdirective microphone for effective voice pick-up
- Range: 15 ft, angle: ±60°
- Sophisticated array technology for eliminating extraneous noises

Wireless keyboard

- Infrared wireless keyboard with trackball for point-and-click functionality and data collaboration

Remote control

- Infrared remote control for videoconferencing functionality

ImageShare II Laptop Connectivity

Device (optional)

- Video input up to XGA (1024x768) (15-pin Dsub)
- Audio input (3.5 mm)

Thin display adapter (optional)

- Enables microphone/camera module to be detached for flexible room layout and display integration
- Cable length 5 meters

Internal Multipoint

Optional multipoint calling over IP (H.323)

- Local site plus three video sites at 768 kbps each
- Simultaneous voice-add over ISDN/IP
- Voice-activated or continuous-presence modes
- H.261, H.263, H.263+
- G.722, G.723.1, G.711
- People+Content features: content up to XGA, synchronized content
- T.120 data collaboration

Peripheral Options

- Integrated electronic whiteboards
- Integrated interactive whiteboard
- NTSC/PAL or XGA Document cameras
- ImageShare II with video input up to XGA (1024x768) (15-pin D sub) and audio input (3.5 mm)
- Roll-about carts
- XGA monitors and projectors for content
- PowerMics (up to 4)
- NTSC/PAL monitors for people display

Network Infrastructure

Browser-based management

Complete system management via Web browser, including:

- Call control
- Board diagnostics
- Usage statistics

Enterprise systems management

- Support for Polycom Global Management System, SNMP and LDAP

iPower Control Protocol

- RS-232 serial control
- Application interface (Active-X) for Visual Basic, Visual C++ software development
- Supports Crestron™ and AMX™ control systems

System diagnostics

- Built-in ISDN bit-error rate tester (BERT) application
- Board diagnostics
- Readiness monitoring
- Compatible with standard PC diagnostic tools

Electrical

- Integrated auto-sensing power supply
- 110/220 Vac, 50/60 Hz

Physical Dimensions

- Width: 15 in. (381 mm)
- Height: 7.1 in. (180 mm)
- Depth: 12.7 in. (324 mm)
- Weight: 11.5 lbs. (5.22 kg)

Languages

User interface and on-line help are available in English, Japanese, German, French, Spanish, Portuguese, Italian and Simplified Chinese

Warranty

Hardware

- One year parts and labor (return to factory)

Software

- 90 days telephone support

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