Polycom

Polycom® RealPresence® VideoProtect™ 500

HD video, audio and image sharing for government agencies and judicial applications

Enhance citizen services and public safety

Government agencies and corrections facilities need to provide citizens services and protect public safety. The Polycom® RealPresence® VideoProtect™ 500 solution is a safe, secure video conferencing solution that delivers local services to citizens no matter where they are located, and minimizes the need to transport inmates for court appearances, arraignments and other judicial interactions.

This solution utilizes a Polycom® RealPresence® Group 500 codec and is designed to protect the video and audio system when the application requires the unit to be placed in a public or harsh environment. Polycom RealPresence Group Series solutions deliver a breakthrough user experience, ease of use and the lowest total cost of ownership.

The enclosure is a ruggedized shield that can operate in a multitude of call scenarios from auto answer to auto dial with a simple lift of the built-in handset. From remote citizen services to video arraignments, the potential applications are endless. Now you can experience the superior HD voice and video you've come to expect from Polycom with the protection and flexibility you need.

The VideoProtect 500 is a key element of the total Polycom visual communication solution, which includes seamless integration with the Polycom® RealPresence® Platform.

Benefits

- **Security and safety** assured with ruggedized wall-mountable enclosure

- **Reduce replacement equipment costs** with safe and secure housing protecting technology from damage

- **Simplified operation is achieved** throug automated call scenario functionality

- **Multiple critical operations** including visitation and arraignment possible with hands-free or handset options

- **In-person experience** with up to 1080p video resolution and HD audio

Product specifications

Video display
- 24" LCD, EagleEye™ Acoustic with built-in speakers

Video standards and protocols
- H.261, H.263, H.264 AVC, H.264 High Profile, H.264 SVC, RTV
- H.239/Polycom® People+Content™
- H.263 & H.264 video error concealment

People video resolution
- 1080p, 60 fps from 1740 Kbps
- 1080p, 30 fps from 1024 Kbps
- 720p, 60 fps from 832 Kbps
- 720p, 30 fps from 512 Kbps
- 4SIF/4CIF, 60 fps from 512 Kbps
- 4SIF/4CIF, 30 fps from 128 Kbps
- SIF (352 x 240), CIF (352 x 288) from 64 kbps
- QSIF (176 x 120), QCIF (176 x 144) from 64 kbps
- w288p from 128 Kbps, w448 from 384 Kbps and w576p from 512 Kbps

Exterior housing
- 14 gauge steel
- High impact ¼" PETG Polycarbonate front panel for display and camera
- Exterior grade powder coat paint
- Sloping top, louvers and channels to prevent fluids from entering housing
- Pin-Torx security screws to access interior, with hinged front panel for easy service.
- High impact handset with 36" armoured cable (left or right side mounting or none
- Vandal resistant volume up/down buttons mounted to handset plate
- Separate wall mounting bracket to facilitate installation

- Choice of camera front panel with or without holes for hands-free operation if desired

Intelligent activation module
- Additional external control features available for system integrators:
  - Master call hang up
  - Mute microphone
  - Call directory preset (up to 4)
  - System in call indicator
  - Switch to PC input

Modes of operation
- Handset only mode (Audio through handset only with volume control)
  - Auto answer mode: call comes in, video is auto answered, audio is muted until handset picked up
  - Standard answer mode: call is only answered when handset is picked up.
  - Auto dial mode: system auto dials a preset # when the handset is lifted. Preset is labeled "auto dial"
  - Hang up call: system hangs up call when handset is placed on hook, with an built-in 3 second delay in case of accidental user error.
- Hands-free mode (No handset therefore no volume control)
  - System auto answers only. No other features
  - Call is disconnected by "far-end" hanging up call
  - Audio through speakers only

When using hands-free mode in larger and/or noisy areas the use of external speakers may be necessary.

- Both handset and hands-free mode (Includes volume control and auto dial features)
  - System auto answers with audio through speakers
  - Pick up handset and audio goes to handset only (privacy)
  - Hang up handset and audio returns to speakers
- Feature needs pre-defining upon installation

Options
- 1080p license, providing up to 1080p60 for people and content
- RTV

Environmental specifications
- Operating temperature: 0–40 °C
- Operating humidity: 15–80%
- Non-operating temperature: -20–60 °C
- Non-operating humidity (non-condensing): 5–95%
- Maximum altitude: 10,000 ft

Power rating
- Electrical: Auto sensing power supply
- Typical operating voltage/power:
  - 36W or 72VA typical @ 120V @ 60Hz
  - 18W or 72VA @ 230V @ 50/60Hz

Physical size and weight
- 23 ½"W x 19"H x 6 5/8"D without handset
- 27"W x 19"H x 6 5/8"D with handset
- 55 lbs fully assembled (including codec, camera and IR remote inside housing)

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About Polycom

Polycom helps organizations unleash the power of human collaboration. More than 400,000 companies and institutions worldwide defy distance with video, voice and content solutions from Polycom. Polycom and its global partner ecosystem provide flexible collaboration solutions for any environment that deliver the best user experience and unmatched investment protection.

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