ONVIF COMPATIBLE SOFTWARE | 🔊 📹 | HD video | Field of View 145°H 109°H | HD voice | IP66 | SIP | PoE | 10W

Empowering Intelligent Communication

Hear, be heard and be understood - See, be seen and be recognized

Crystal-clear audio and HD video

Introducing a video intercom solution that combines the unrivaled audio of our audio only products with HD video. Empower your security team with proven power, so they can act in real time and with clear communication.

With these video intercoms, you can mitigate security risks faster than ever before, through a unique combination of exceptional video, voice and powerful audio amplification for announcements.

The sleek, yet robust intercom is designed to withstand harsh situations including extreme fluctuations in temperature, in addition to vandalism, and noisy, dirty and dusty environments.

HD video

Powerful Video Technology: This new video intercom station packs crystal-clear HD video technology as our audio only products. That means that installation, functionality and capabilities are exactly as you expect, with the bonus of superior HD video, providing an intelligent communication solution for any situation.

Interoperability and Reliability: This product integrates easily with most systems on the market, old or new. The wideangle lens delivers excellent performance, day or night.

Superior audio quality

Acoustic Echo Cancellation: The intercom's rigid design, 10W speaker and amp and digital MEMS microphones provide you with open duplex, hands-free communication. Automatic Volume Control: It can adjust a voice that is too loud or too soft to an intelligible signal. The speaker volume automatically adjusts to an audible level, depending on the ambient noise levels.

Active Noise Reduction: The intercom will detect background noise and suppress it by up to 30 dB.

High-performance design

Dependable Audio and Video: Since its early design and development, this intercom family has delivered high audio performance in every situation where communication is critical. This new HD video has also been designed to perform when it matters.

Vandal-Resistant Design: The station is extremely well protected from damage and destruction, thanks to its solid aluminum, die-cast base frame. The speaker is protected from tampering, with speaker-grill angles that prevent direct to the speaker, as well as a rigid, audio transparent stainless-steel mesh, with perforations small enough to withstand perforation attempts.

Cybersecurity to keep systems safe

IT Compliance Is Key: When developing products, we always meet stringent IT requirements for mission-critical systems. This intercom is not only highly available, reliable and maintainable, but also provides defense from cyber threats and attacks. You can even run it standalone on its own network so it has no connection to the outside.

CIS SecureSuite Membership: Through membership, cybersecurity defenses are strengthened by leveraging CIS SecureSuite resources, including CIS Benchmarks, security configuration resources, and CIS Controls, to ward off today's most pervasive and dangerous cyber attacks.

Key features & benefits

Clear communication that all parties can understand on the first attempt is critical to every security application. This new video intercom achieves this through a wide array of innovative features that extend the limits of audio, video and acoustic technology.

It has a unique combination of robustness, highquality audio, first-class video, powerful amplifier and speaker, and interoperability

Specifications:

VIDEO

- Image Sensor: 1/2.5" RGB CMOS
- Lens: F 2.0, fixed iris
- Light Sensitivity: Down to 1 lux
- IR LED: No
- Resolution: 240 / 480p / 960x720p / 1440x1080p*
- Frame Rate: Up to 30 FPS in 1440x1080p**
- Supported Codecs: MJPEG, H.264
- Digital PTZ: Yes
- Digital Zoom: Up to 2x
- Field of View: horizontal=145 degrees, vertical=109 degrees ***
- Snapshot Function: No
- Parallel videostreams: 6 (1x SIP H.264, 2x HTTP MJPEG, 3x RTSP sessions)

* MJPEG does not support 720p and 1080p resolution.
** 30 FPS is only supported in H.264 mode, while MJPEG is limited to 10 FPS.
*** FoV depends on video mode (may be subject to change)

AUDIO

- SPL peak power at 1m in open duplex: 90 dB
- SPL peak power at 1m in half duplex: 100 dB
- SPL peak power at 1m in program distribution and announcement: 100 dB
- Noise cancelling - suppression of musical noise: Yes
- Codecs: G.711, G.722, G.729
- Frequency range, G.722 Codec: 200 Hz â€" 7000 Hz
- Audio Modes: Full open duplex, switched open duplex
- Adaptive jitter buffer: Yes
- Custom Ringing Tone: Yes
- Audio Mixing Conversation and Group Call: Yes
- Automatic gain control (microphone): Yes
- Internal speaker amplifier: 10 W class D
- Internal speaker: 10 W
- Microphone technology: Digital MEMS, omnidirectional microphone
- Automatic Volume Control (AVC): Yes
- Acoustic Echo Cancellation (AEC): Yes

ENVIRONMENTAL

- IP rating: IP-66, tested according to EN 60529 (applies when mounted in TA-1 back box)
- Operating temperature range: -30Âº to 70Âº C / -22Âº to 158 Âº F
- Storage temperature range: -40Âº to 70Âº C / -40Âº to 158 Âº F
- Relative humidity: < 95% not condensing
- UV-resistant: Yes
- EMC: CE and FCC Part 15

HARDWARE

- Ethernet connector: 1 x RJ-45
- All other connectors: Tool less, spring loaded, vibration proof terminals
- General inputs and outputs: 6 (configurable)
- Outputs: 12mA as LED drivers
- Change-over relay (NO+NC+COM): SELV
- Power options: PoE, PoE+
- PoE (Power over Ethernet): IEEE 802.3af standard, IEEE 802.3at
- Power consumption: Idle 3.5W, max 12W (depending on volume)
- Audio Line out / Induction loop signal: dBV
- Button backlight: LED
- Call indication: Icons/colors for hearing impaired.
- Door open indication: Icons/colors for hearing impaired
- Display technology: PMOLED
- Display contrast: 20000:1
- Display brightness: 120 cd/m2

NETWORKING & PROTOCOLS

- Protocols: IPv4 (with DiffServ), SIP, TCP, UDP, HTTPS, TFTP, RTP, RTSP, RTCP, SRTP, DHCP, SNMP, Vingtor-Stentofon CCoIPÂ®, NTP, ONVIF, WS-Discovery
- LAN protocols: Power over Ethernet (IEEE 802.3 a-f), Power over Ethernet (IEEE 802.3at), Network Access Control (IEEE 802.1x)
- Management and operation: HTTP/HTTPS (Web configuration). DHCP and static IP. Remote automatic software upgrade. Centralized monitoring.
- SIP support: RFC 3261 (SIP base standard) RFC 3515 (SIP refer) RFC 2976 (SIP info), SIP using TLS, RFC 5630 SIPS URI scheme
- DTMF support: RFC 2833, 2976 (SIP info)

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CERTIFICATIONS

ONVIF® Conformant