

SIP/VoIP Weatherproof Video Telephone

HNEX106-FK-SIP



DESCRIPTION:

Heinrich's HNEX106-FK-SIP Standard SIP/VoIP video telephones are designed for exceptional reliability and durability in the most demanding environments. Its robust construction ensures a long Mean Time Between Failures (MTBF). Installation is straightforward, with the cable entrance positioned on the back of the phone to prevent artificial damage.

The HNEX106-FK-SIP weatherproof telephone is ideal for use in metros, highways, railways, tunnels, power stations, armed services, and heavy industries, providing dependable telephony under adverse conditions. The HNEX106-FK-SIP offers hands-free operation, featuring a built-in camera, LCD display, and two backlit buttons for speed dialing. Its internal Class-D speaker amplifier and 10W speaker ensure clear audio, while noise and echo cancellation support excellent call quality. The phone supports conversation and group calls, with tamper-resistant fixings and various mounting options, including wall and pillar mounts.

FEATURE:

- **Standard SIP/VoIP Video Phone:** Ensures versatile connectivity and high-quality video communication.
- **Power Supply Options:** Supports Power over Ethernet (PoE) or 12V DC, with an RJ45 port connector for seamless integration.
- **Internal Class-D Speaker Amplifier:** Delivers clear and powerful audio output.
- **In-Built 10W Speaker:** Provides robust sound for effective communication.
- **Remote Programming:** Can be configured remotely via a web interface, enhancing convenience and flexibility.
- **Robust Construction:** Made from durable aluminum alloy, ensuring long-lasting performance in harsh environments.
- **Hands-Free Operation:** Features two backlit buttons for easy speed dialing and hands-free communication.
- **LCD Display:** Shows incoming and outgoing call numbers or names from the phonebook list, supporting up to 259 entries.

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- **Advanced Audio Support:** Includes noise cancellation and echo cancellation for crystal-clear voice quality.
- **Supports Conversation and Group Calls:** Facilitates both individual and group communication needs.
- **Tamper Resistant Fixings:** Ensures security and durability against vandalism and tampering.
- **Network Test & Status Reports:** Provides comprehensive diagnostics and status updates for efficient maintenance.
- **Flexible Mounting Options:** Can be wall-mounted or pillar-mounted to suit various installation requirements.
- **Weatherproof Protection:** Rated IP67 for complete protection against dust and water ingress.
- **Certified Compliance:** Meets CE, FCC, EN54, RoHS, and IEC standards, ensuring high quality and safety.

SPECIFICATIONS:

SIP-VoIP TECHNICAL SPECIFICATIONS

Power Input	: 12-24V DC or PoE: IEEE802.3af (Standard), Class 0 (0.5W to 14W)
Port	: WAN : 10/100Base-T RJ-45 for LAN LAN: 10/100Base-T RJ-45 for PC
Power Consumption	: 7W max (4W idle)
SIP Support	: RFC 3261 (SIP base standard), RFC 3515 (SIP refer), RFC 2976 (SIP info)

VOICE FEATURES

- Support SIP 2.0 (RFC3261)
- Codec: G.711, G.723, G.726, G.729
- Echo cancellation: Support ITU-T G.167/G.168 and hand-free can support 96ms
- Supports Full open duplex, switched open duplex, Adaptive jitter buffer
- DTMF: SIP info, DTMF Relay, RFC2833
- Call control features: Flexible dial map, support hot-line
- Articulation loss of consonants (Alcons) @75dB : <5%
- Support AEC (Acoustic Echo Cancellation) and Noise Cancellation
- Gain control with automatic adjustment
- Provides support for group calls and conversations
- Two-way communication using an omnidirectional microphone

NETWORK FEATURES

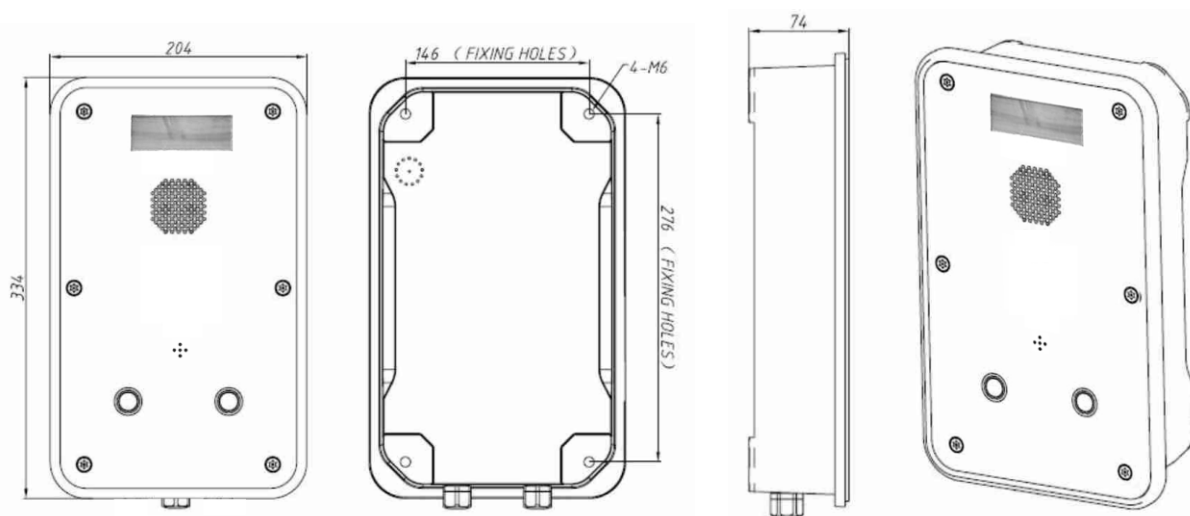
- 1 x WAN/LAN Power over Ethernet(PoE, 802.3af)x
- 1 x LAN(IEEE 802.1x), Network Access
- Support DHCP as well as static IP address
- Support VLAN
- Via configuration file or web page. Static IP address provisioning or DHCP
- Data Protocol: IPv4 (with DiffServ), SIP, TCP, UDP, HTTPS, TFTP, RTP, DHCP, SNMP, ONVIF, CCoIP®, NT
- LAN Protocols : POE (IEEE 802.3 a-f), Network Access Control (IEEE 802.1x), STP (IEEE 802.1d)
- HTTP/HTTPS (Web configuration) DHCP and static IP.
- Centralized monitoring with software
- DTMF Support: RFC 2833, 2976 (SIP info)

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Technical Specifications

Casing Material	Aluminium diecast body, cold-rolled steel faceplate epoxy powder coated
Colors	Yellow and other colors upon demand
Push Button	An anti-vandal stainless steel button with an LED backlight
Speaker	Built-in waterproof 10W speaker optional
SPL@1M Open Duplex	99dB
SPL@1M Half Duplex	110dB
SPL@1M (Distribution and Announcement)	110dB
Temperature	Operating: -35°C to +72°C , Storing: -40°C to +90°C
Audio Line output	550Ω
Sensitivity	485mV
Frequency Response	250Hz ~ 14KHz
THD	< 2% THD+N @70dB
NO/NC Input/Output	6 Inputs/outputs prgrammable
Display Brightness	120 cd/m2
Humidity	95% (Non-condensing)
Weather Resistance	IP66/IP67
Ringling Tone	Shrill warble tone 85 dBA @ 1 metre typical
M.T.B.F.	Calculated to have an M.T.B.F. in excess of 55,000 hours
Weight	Up to 5 kg depending on option

Dimensions



Measurement in mm

Disclaimer: As per our company policy one of the constant product improvements the right is there for reserved to modify the product specification without prior notice and the picture shown in the datasheet is a design base, the actual picture may vary.