

# Weatherproof Telephone

H104-SC-SIP



## DESCRIPTION:

Heinrich's H104-SC-SIP telephones are contained in a corrosion-resistant cast aluminum weatherproof housing and feature a cold-rolled steel faceplate with an epoxy powder coating. This robust construction ensures complete protection against dust and moisture ingress, resulting in a highly reliable product with an extended Mean Time Between Failures (MTBF).

The H104-SC-SIP telephones are designed for ease of installation, with the cable entrance located at the back to minimize the risk of artificial damage. These weatherproof telephones are ideal for use in demanding environments such as highways, railways, power stations, armed services, and heavy industries, where dependable telephony is crucial under adverse conditions.

## FEATURES:

- **SMART Analogue and VoIP-SIP Options:** Versatile connectivity options to suit various communication needs.
- **Large, Vandal-Resistant Metal Buttons:** Durable, palm-operable buttons designed to withstand heavy use and vandalism.
- **Emergency Override:** Ensures critical communications are prioritized in emergency situations.
- **Induction Loop Facility:** Supports hearing-impaired users with an integrated induction loop.
- **Weatherproof Protection IP66/IP67:** Engineered to perform reliably in harsh environmental conditions.
- **Dual-Purpose Design:** Flexible mounting options for both flush or surface installations, ensuring simple and convenient setup.
- **Power Options:** Supports both external power supply and Power over Ethernet (PoE) for SIP-VoIP configurations.
- **Dual RJ45 Ports:** Equipped with two RJ45 ports for seamless VoIP/SIP phone connections.
- **Comprehensive Compliance:** Meets CE, FCC, RoHS, IP68, and ISO9001 standards for quality and safety.

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## SPECIFICATION:

### SIP-VoIP Technical Specifications

**Power Input** : 12-24V DC  
**Port** : WAN : 10/100Base-T RJ45 for LAN,  
LAN: 10/100Base-T RJ45 for PC  
**Power Consumption** : 7W max (4W idle)

### 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.
- Support Full Duplex 2-Way.
- SIP support: RFC 3261 (SIP base standard), RFC 3515 (SIP refer), RFC 2976 (SIP info).
- DTMF: SIP info, DTMF Relay, RFC2833.
- Call control features: Flexible dial map, support hotline.

### Network Features

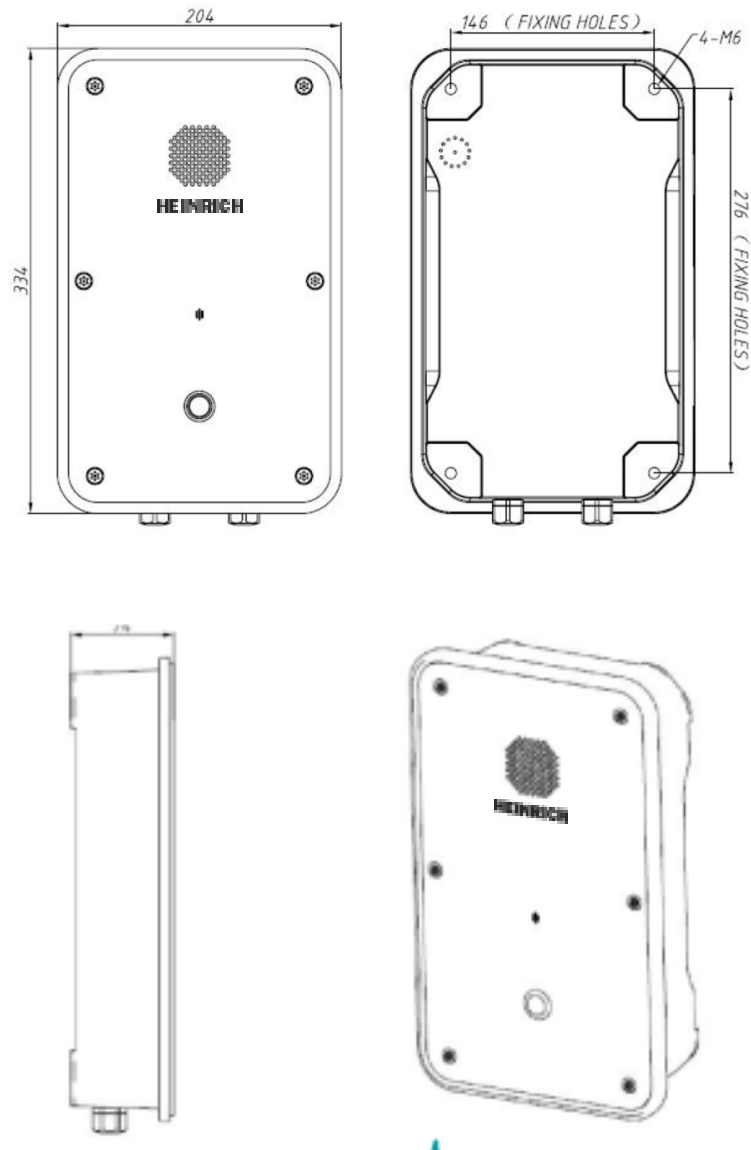
- 1 x WAN/LAN Power over Ethernet(PoE,802.3af)x
- 1 x LAN(IEEE 802.1x), Network Access
- Support VLAN
- Via configuration file or web page. Static IP address provisioning or DHCP
- Data Protocols: IPv4 (with DiffServ), SIP, TCP, UDP, HTTPS, TFTP, RTP, DHCP, SNMP, ONVIF, CCoIP®, NT

### Technical Specification

<b>Casing Material</b>	Die cast aluminium body, cold rolled steel faceplate epoxy powder coated
<b>Colors</b>	Yellow, other colors as demand
<b>Push button</b>	Vandal resistant stainless steel button
<b>Speaker</b>	Built-in waterproof speaker
<b>Temperature</b>	Operating: -35°C ~ +72°C, Storing: -40°C ~ +90°C
<b>Weather Resistance</b>	IP66/IP67
<b>Ring Tone</b>	Shrill warble tone 85dBA @ 1 metre typical
<b>Optical Transceiver</b>	Optional as demand
<b>M.T.B.F.</b>	Calculated to have an M.T.B.F. in excess of 1,00,000 hours using
<b>Weight</b>	Up to 5 kg depending on option

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## DIMENSIONS:



(Measured 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.