

# Weatherproof Telephone

## H104-SC-HL



### DESCRIPTION:

The H100 series Weatherproof Telephones are designed for use by the highway, railways, power stations, the armed services and heavy industry which require very reliable telephony under adverse conditions.

### FEATURE:

- Standard VoIP-SIP phone or 4G phone.
- Aluminum alloy die-casting body.
- Hands free operation, one button for emergency call.
- The phone will ring loudly and beacon will flash when there is an incoming call.
- With auto-answer feature, Auto-release the line when the other side cut off the line.
- Built-in amplifier, with external horn:35W, broadcast feature.
- Built-in IP camera
- Weatherproof protection Ip66
- Wall mounting or pole mounting, simple installation
- PoE(VoIP) or DC powered or solar powered (VoIP or 4G)
- CE,FCC,RoHS,IP66, ISO9001 compliant.

### VOICE FEATURES

- Support SIP 2.0 (RFC3261)
- Codec: G.711A/u, G.7231 high/low, G.729, G.722
- Echo cancellation: Support G.168 and hand-free can support 96ms
- Supports full duplex
- SIP support SIP domain, SIP authentication(none, basic, MD5),DNS name of server
- DTMF:SIP info, DTMF Relay, RFC2833
- Call control features: Flexible dial map, support hot-line

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## NETWORK FEATURES

- WAN/LAN: support Bridge mode
- Support static IP address
- Support DHCP get IP on WAN port
- Support VLAN
- Support web config
- Data Protocols: IPv4, TCP, UDP, ICMP, ARP, DNS and DNS SRV for SIP Signaling

## SPECIFICATIONS:

### 4G SPECIFICATIONS

Standard SIM card

Working Frequency Range

**4G** : LTE FDD: B1/B3/B5/B7/B8/B20 LTE TDD: B38/B40/B41 WCDMA: B1/B5/B8 GSM: B3/B8

**Power supply** : AC Adaptor 240-110V AC to 12VDC Solar power with internal battery

**Power Consumption** : low power consumption, standby power requirements <7mA

**Configuration** : Remotely programmable via SMS

**Antenna** : Quad-band SMA male, external mounted with 2M cable

### SIP-VoIP TECHNICAL SPECIFICATIONS

**Power** : 12-24V DC or PoE: IEEE802.3af(Optional)

**Port** : WAN : 10/100Base- T RJ-45 for LAN, Auto MDIX  
LAN : 10/100Base- T RJ-45 for PC, Auto MDIX

**Power Consumption** : Idle:1.5W/ Active:1.8W

### TECHNICAL SPECIFICATIONS

**Casing Material** : Die cast aluminium body, cold rolled steel face plate epoxy powder coated.

**Colors** : Yellow, other colors as demand

**Push button** : Vandal resistant stainless steel button

**Speaker** : Built-in waterproof speaker

**Indicator** : LED indicator

**Beacon** : DC12V LED beacon

**Horn** : DC12V horn

**IP Camera** : Video Codec: H.264 HP, MPEG4 SP MJPEG

Resolution Ratio : 1,280\*720@20fps、

Sensitivity : 0.5Lux,1.0V/lux-sec (550nm)

Viewing angle : 135'(H),109'(V)

Video Compression Output : 16Kbps - 2Mbps

FPS:10-30fps

D-Range: 71dB ( SNRMAX = 42.3dB )

**Temperature** : Operating: -35°C to +70°C Storing: -40°C to +75°C

**Weather Resistance** : IP66-IP67

**Ringing Tone** : Shrill warble tone 110dBA @1 metre typical

**M.T.B.F** : Calculated to have an M.T.B.F. in excess of 100000 hours using

**Weight** : Up to 6KG depending on option

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## DIMENSIONS:



## APPROVALS



This mark indicates compliance with the:  
Radio & Telecommunications Terminal Equipment  
Directive  
2004/108/EC



This mark indicates compliance with the:  
FCC Part 15 Subpart B Class B