



SIP
An industry standard protocol which allows the i18 to connect to most hosted and on site IP PBX systems.



Advanced Protection
Enclosure designed to International Protection (IP) standards to protect against intrusion – accidental or intentional - waterproofed to IP65 and anti-impact up to IK10.



HD Video
The 1280x720p (720p – progressive scan) camera sends high- quality HD video to an IP video terminal.



HD Voice
High definition voice using wideband G.722 CODEC produces clearer sound quality, other CODECS are available for Compatibility



Noise Reduction
The embedded processing module reduces environmental noise and improves voice recognition up to 5 metres.



Anti-tamper
Alarm sounds if/when cover is removed from the housing and reports the action to the optional control center.



Multi-function
The system is capable of performing multiple functions, i.e. video intercom, door phone, single device paging and more.



Wide Range temperature adaptability
The system is designed to operate in temperatures ranging from - 40 to +70°C.

Generic

- POE or optional External Power Supply
- 2 SIP Lines
- Full-duplex speakerphone (HF)
- Integrated Noise Reduction with dual MICs
- 2 embedded short-circuit output relays
- Embedded anti-dismantlement alarm
- Record voice and video during calls(optional)

Call Features

- Voice/video Intercom
- Programmable call button
- Auto-Answer (per line) • Voice Message (on server)
- Barge in and calls switched automatically

Phone Features

- High Quality video calls
- Network Time Synchronization
- Action URL / Active URI

Audio

- Wideband CODEC: G.722
- Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB, iLBC, AMR
- Full-duplex Acoustic Echo Canceller (AEC) – Handsfree Mode, 128ms tail-length
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR)
- Packet Loss Concealment (PLC)
- DTMF: In-band, Out of Band (RFC2833) / SIP INFO
- Omnidirectional pickup: pickup distance 5 m

Video

- Video codec: H.264 / H.263
- Image codec: JPEG/PNG/BMP/GIF
- Video format: MP4/3GP/FLV
- Video call resolution: QCIF / CIF / VGA / 4CIF / 720P
- Bandwidth selection: 64kbps~4Mbps
- Frame rate selection: 10~30fps

Deployment & Maintenance

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP/TR069/SIP PNP
- Web Management Portal
- Web-based Packet Dump • Configuration Backup/Restore
- Firmware Upgrade

Networking

- 802.3af PoE
- IP Configuration: Static / DHCP /PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / PPTP / IPsec
- VLAN: 802.1p/q
- QoS: DSCP
- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- PPPoE
- 802.1x
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- Tr069

Physical Specifications

- Keypad:1or2 DSS Keys (Speed Dial)
- 1 10/100/1000BASE-T RJ45 Ethernet interface, Auto-MDIX
- PoE: 802.3af,Class 3
- Main Chipset: Freescale quad cores 1GHz CPU
- SDRAM : 1GB DDR3
- Flash : 4GB
- TF card : embedded 32GB(optional)
- Camera: 1284 x 724, CMOS(1/4inch)
- Passive Switch(short-circuit output): Normally Open and Normally Closed highest at 30V/1A AC/DC
- View angle:120°(H)109°(V)
- IRNIGHT Vision:yes
- Audio Amplifier: 3W
- Cables: CAT5 or better
- Power Supply : 12V±15%/1A DC or PoE
- Shell Material: Aluminum Cover and Cast-Aluminum back case
- Protection level: IP65 and Ik10
- Storage Temperature:-40~70°C
- Working Humidity: 10~90%
- Overall Dimension: 223 x 130 x 74mm (W x H x L)
- Package Weight:1.45KG



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