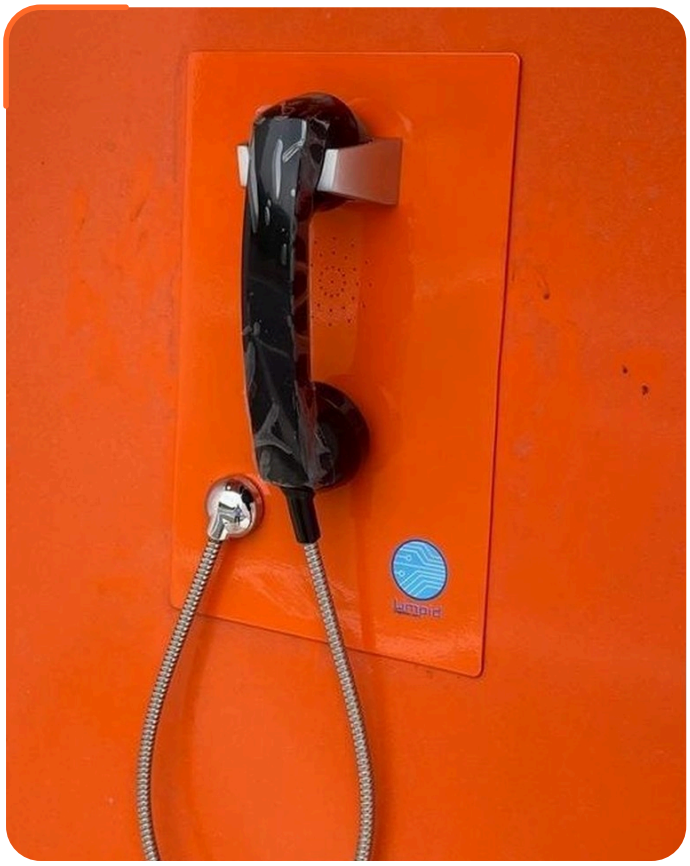
EMERGENCY COMMUNICATIONS

# S Series

## Push-button and Handset VoIP Emergency Telephone

PRODUCT PROFILE

The S Series is a VoIP emergency telephone flush-mounted inside emergency cabinets, in push-button (B) and handset (H) models. Its 2 mm stainless steel enclosure provides IP66 protection once fully installed.



CABINET INSTALLATION EXAMPLE

ENCLOSURE

**Stainless steel**

DIMENSIONS

**205 × 320 × 75 mm**

WIDTH × HEIGHT × DEPTH

| IP66 | 18 W | 96 dB | PoE |
|---|---|---|---|
| Ingress protection | Class D amplifier | Max. ringer level | 802.3af / 802.3at |

APPLICATIONS

- Tunnels
- Highways
- Railway lines and platforms
- Airport terminals
- Parks and bus stops
- Hydroelectric and geothermal plants
- Solar power plants

# Software features

| FEATURE | DESCRIPTION |
|---|---|
| **Call features** | 2 SIP accounts, call forwarding, transfer and hold, emergency calling, auto-answer, redial, direct IP dialing and call blacklisting. Optional LCD. |
| **IP PBX features** | Intercom, call pickup, call park, anonymous calling, anonymous call rejection and conference calling. |
| **Advanced features** | Action URL, Active URI, CSTA and multicast paging. |
| **Audio features** | VAD, CNG, AEC, PLC, AJB and AGC. Full-duplex speakerphone with AEC. |
| **Codec support** | Narrowband · G.711 (A-law/μ-law), G.729A/B/AB, G.726 and iLBC.<br>Wideband · G.722 and L16. |
| **Network features** | IPv4 and IPv6, VLAN, LLDP, CDP, OpenVPN, IEEE 802.1X, STUN for NAT traversal and RPORT. QoS (IEEE 802.1Q/p VLAN tagging) and Layer 3 QoS (ToS, DiffServ, MPLS).<br>SIP proxy and peer-to-peer modes. DNS SRV (RFC 3263). DTMF via in-band audio, RFC 2833 or SIP INFO. HTTP/HTTPS web server.<br>LAN/PC bridge mode and auto-negotiation. PC port packet monitoring with export via the web interface. DHCP Option 12 (Host Name) and Option 60 (Vendor Class Identifier). Syslog support. |
| **Security** | TLS, HTTPS, SRTP (RFC 3711), digest authentication (MD5 / MD5-sess), AES-encrypted configuration files, phone lock and administrator/user access controls. |
| **PBX compatibility** | 3CX, BroadSoft, Asterisk, Elastix, Trixbox, FreeSWITCH, Huawei, Avaya, Mitel, Unify, ZTE, Ericsson-LG, Karel, Telesis, Alcatel. |
| **Management and configuration** | Web interface and Telnet. |

# Technical specifications

## Enclosure and environment

| | |
|---|---|
| **Enclosure** | Stainless steel |
| **Enclosure thickness** | 2 mm |
| **Enclosure color** | Optional |
| **Ingress protection** | IP66 once fully installed |
| **Operating temperature** | -25 °C to +65 °C |
| **Relative humidity** | ≤ 95% |

## Audio

| | |
|---|---|
| **Amplifier** | Class D, 18 W |
| **Ringer level** | Max. 96 dB |
| **Audio bandwidth** | 7-16 kHz |

## Network and power

| | |
|---|---|
| **Connection** | RJ45 · 2.54 mm pin · screw-terminal connector |
| **Data rate** | 10/100 Mbit/s (full/half duplex) |
| **Cable type** | Cat 5 / Cat 6 |
| **Protocol** | SIP over UDP/IP |
| **Power supply** | PoE 802.3af / 802.3at<br>9-24 V DC, 1 A adapter |
| **Interface language** | Turkish / English |

## Controls and I/O

| | |
|---|---|
| **Push button** | IP66 · stainless steel.<br>12 V LED, available in red, green, blue or white. |
| **LED indicators** | 7 programmable LEDs.<br>Idle, call in progress, incoming call, network fault, receiving network information, registered and unregistered. |
| **I/O inputs** | 2 |
| **Relays** | 2 (optional).<br>Contacts programmable by day, hour and second. |
| **Relay logging** | Supported |
| **Programmable keys** | 7 (optional) |
| **Speed dial** | Supported |
| **Speed-dial buttons** | Available, expandable to 7 |
| **RFID card module** | Available as an option |

| WIDTH | HEIGHT | DEPTH |
|---|---|---|
| 205 mm | 320 mm | 75 mm |

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