EMERGENCY COMMUNICATIONS

DS Series

Push-Button VoIP Emergency Telephone

PRODUCT OVERVIEW

The DS Series features an aluminum enclosure and initiates a hands-free emergency call with a single button press. Once installed, the unit provides IP66 ingress protection for indoor and outdoor use.



ENCLOSURE

Aluminum alloy

DIMENSIONS

130 × 190 × 90 mm

WIDTH × HEIGHT × DEPTH

IP66	3 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 power 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. 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). 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. LAN/PC bridge mode, auto-negotiation and 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	Aluminum alloy
Enclosure color	Color options available
IP rating	IP66
Operating temperature	-25 °C to +65 °C
Relative humidity	≤ 95%
Dimensions	130 × 190 × 90 mm (W × H × D)

Audio

Amplifier	Class D, 3 W
Ringer level	Max. 96 dB
Audio bandwidth	7-16 kHz

Network and power

Connection	RJ45 · 2.54 mm pin pitch
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 · 9-24 V DC, 1 A adapter
Interface language	Turkish / English

Controls and I/O

Push button	IP66 · stainless steel housing · 12 V LED
LED indicators	7 programmable LEDs
Inputs (I/O)	2
Relays	2 (optional), programmable by day, hour and second
Relay logging	Supported
Programmable keys	7 (optional)
Speed dial	Supported, expandable to 7 entries
RFID card module	Available as an option

WIDTH	HEIGHT	DEPTH
130 mm	190 mm	90 mm

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