



Datasheet

DP91-S

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DP91-S



Key Features

- HD Audio, Broadcast
- Self-Diagnosis, Auto Provision
- Wall mounting
- One-touch button for emergency calling
- Protection Standards:
Compliant Standards: EN 62262 IK09
Compliant Standards: IP54
- Unlock door with DTMF

Overview

The DP91-S is a single-button SIP voice intercom terminal equipped with an advanced audio system featuring echo cancellation. Designed for use alongside indoor intercoms, it enables users to communicate with the callee at any time.

The DP91-S offers a one-touch alarm function for users to contact the management system in emergency situations. Constructed from aluminum alloy, it is waterproof and vandal-proof, supporting both embedded and wall-mounted installations. This terminal facilitates connection to the internet and IOT through business control systems, supports a wide range of interface linkages and remote controls, ensuring safer and more efficient communication. With its broad application scenarios, it is ideal for industry users, building management, banks, schools, tourist attractions, stations, and technology parks, serving as an integral part of intelligent access control and intercom security systems.

Access Control

- Two SIP lines, Two SIP servers
- Unlock door method: DTMF tones
- Door Phone features:

Full-duplex

Default auto answer

Action URL/Active URI remote control

Speed Dial

Administration Features

- Auto provisioning:
- FTP/TFTP/HTTP/HTTPS/PnP
- HTTP/HTTPS Web Management
- Configuration keypad-based management
- SNMP/TR069
- NTP/Daylight Saving Time
- Firmware Upgrade via Web
- Syslog
- Configuration backup/restore

Physical Interfaces

- 1 port 10M/100M RJ45 Ethernet, POE
- 1 port relay output
- 1 port sensor short circuit input
- 1 port exit button
- 1 port 8Ω speaker
- 1 port MIC
- 1 port RS232
- 1 port DSS key

Environments

- Working Temperature: -35~65 °C
- Storage Temperature: -40~70 °C
- Relative Humidity: 10%~90%

Audio Features

- HD voice
- Two-way audio stream
- Wideband codec: G.722
- Narrowband codec: PCMA, PCMU, G.729, G.723_53, G.723_63, G.726_32
- Echo cancellation with G.168
- Voice activity detection (VAD)
- Comfort noise generator(CNG)
- Built-in Micro and speaker
- Acoustic echo cancellation audio output

Protocols & Network

- SIP v1(RFC2543), v2(RFC3261)
- SIP over TLS, SRTP
- Onvif
- TCP/IPv4/UDP
- RTP/RTCP, RFC2198, 1889
- HTTP/HTTPS/FTP/TFTP
- ARP/RARP/ICMP/NTP
- DNS SRV/A Query/NATPR Query
- Primary/Secondary DNS
- STUN, Session timer
- 802.1p/q, DSCP, 802.1x
- DHCP/Static/PPPoE
- DTMF Mode: In-Band, RFC2833 and SIP INFO

Physical Specifications

- 1 call button
- Aluminum surface, Metal bottom shell
- Power Supply: DC 12V1A or 802.3af PoE
- Power Requirements: 802.3af PoE class 3
- 1xRJ45 10/100M Ethernet jacks
- Installation: Wall-mounted
- Device Dimensions(L*W*H): 88*120*35mm
- Package Box Dimensions(L*W*H): 170*112*54mm
- Outer Box Dimensions(L*W*H): 565*360*255mm

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