DINSTAR
EXPERT OF SMART COMMUNICATION DEVICES

DP91-S SIP Audio Intercom

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.

Highlights

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

HD PoE

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 ports 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
Physical Specifications
1 call button: (DP91-S)
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

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
Environments
Working Temperature: -35~65 ℃
Storage Temperature: -40~70 ℃
Relative Humidity: 10%~90%

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About Us
Founded in 2011 in Shenzhen, DINSTAR is a leading global provider of IP Unified Communication products including VoIP Gateways, IP PBXs, IP Phones and SBCs, we have been delivering more agile, efficient and affordable communication solutions and unparalleled communication experiences to our customers with our reliable, innovative and future-proof products for years. Through our value-added distributors and resellers worldwide, now DINSTAR serves telecom operators, service providers, system integrators, enterprises, SMBs and OEM partners in over 100 countries.