DINSTAR
EXPERT OF SMART COMMUNICATION DEVICES

DP92 Series SIP Audio Intercom

DP92 series are series of SIP voice intercom terminals 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. Among them, the DP92-G series carries a 4G antenna that allows users to talk to the called party at any time in a wireless situation. The DP92 series 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.

DP92-S

DP92-SG

DP92-MSG

DP92-D

DP92-DG

DP92-MDG

	Button	4G	Protection Standards: IK10, IP65	Door Access
DP92-S	Single	×	√	DTMF tones
DP92-D	Double	×	√	DTMF tones
DP92-SG	Single	√	√	DTMF tones
DP92-DG	Double	√	√	DTMF tones
DP92-MSG	Single	√	√	DTMF tones, RFID card
DP92-MDG	Double	√	√	DTMF tones, RFID card

Access Control

Two SIP lines, Two SIP servers

Door Access: DTMF tones, RFID card

(RFID card supported by DP92-MSG/MDG)

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

4G Features (Supported by DP92-G Series)

1 nano SIM slot

LTE: B1/3/5/8/34/38/39/40/41

FDD-LTE: Max 10Mbps(DL), 5Mbps(UL)

TDD-LTE: Max 8.96Mbps(DL), 3.1Mbps(UL)

LTE Working Frequency:

23 ±2dBm(Power class 3)

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

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

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

Environments

Working Temperature: -35~65℃
Storage Temperature: -40~80 ℃
Relative Humidity: 10%~90%

Physical Specifications

1 call button: (DP92-S/SG/MSG)
2 call button: (DP92-D/DG/MDG)
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): 105*132*40mm
Package Box Dimensions(L*W*H): 244*86*170mm
Outer Box Dimensions(L*W*H): 450*355*265mm

Shenzhen Dinstar Co.,Ltd.

Floor 18, Building 7A, Vanke Cloud City Phase 1, Xingke 1st Street, Xili Sub-district, Nanshan District, Shenzhen, P.R. China 518000

www.dinstar.com
sales@dinstar.com

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.