

High Stability & Reliability

SIP Paging Gateway

DPA

HD Audio & Video

One-touch call

Metal housing, stability & Reliability

Video linkage & PTZ control

Distinguish between broadcast and intercom speaker



HD



PoE



Overview

DINSTAR DPA is a powerful SIP Paging Gateway. With rich interfaces DPA supports external Onvif camera, speaker, speed dial keys, warning light, wiegand reader, USB pendrive, SD card, electro magnetic door locks, etc. Also, supports audio & video recording, dual local storage for audio & video, real-time storage available display, call trigger alarm, I/O input, DTMF control PTZ, and HD audio/video intercom based on the powerful echo cancellation function.

DPA is ideal for communication and security control over internet in business, institutional and residential, etc.



Audio/Video intercom

Dual SIP line, Dual SIP servers
Full-duplex
Audio/Video hotline function
Audio/Video auto answer, answer delay
Support RTP minitor time out, hang up time out
URL/URI remote control
Support 3MP external HD camera, 1080P, 20fps/s above

Access Control

1 port relay output:

EM lock, alarm sensor, parking barrier

1 port short circle input:

Logic in/out, sensor detection
Support 30W amplifier
Support remote alarm

Administration Features

Auto provisioning:

FTP/TFTP/HTTP/HTTPS/PnP
HTTP/HTTPS web management
SNMP/TR069
NTP/Daylight Saving Time
Firmware Upgrade via Web
Configuration backup/restore
Syslog

Protocols & Network

SIP v1 (RFC2543), v2 (RFC3261)
SIP over TLS, SRTP
RTSP
Support port open/close, configuration
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
IP Phone support local SIP、RTP、RTCP port

Audio Features

HD voice
Two-way audio stream
Wideband codec: G.722
Narrowband codec: PCMA, PCMU,
G.729, G723_53, G723_63, G726_32
Echo cancellation with G.168
Voice activity detection (VAD)
Comfort noise generator(CNG)
Built-in Micro and speaker
Acoustic echo cancellation audio output

Physical Interface

1 port 100M/10M ethernet interface, POE
1 port 100M/10M ethernet interface, for
3rd part Onvif camera
1 port relay output
1 port sensor short circle input
2 port volume control
1 port recording input
1 port 30W 4Ω amplifier out put
1 port analog audio output
1 port external audio input
1 port MIC input
1 port TF CARD input
1port USB
1 port aux output LED

Physical Specifications

support 1 external DSS button
Metal casing
Power Supply: DC 12-24V1A or 802.3af PoE
Power requirement:
802.3af PoE class 3 IEEE 802.3af PoE
2 ports 11xRJ45 10/100M Ethernet jacks
Modularization design
Support external camera, speed dial keypad,
speaker & amplifier.
Dimension: 115*85*30 mm

Environments

Operating Temperature: -20~65 °C
Storage Temperature: -40~70 °C
Relative Humidity: 10~90%