

The Embedded IP Intercom in TimeTec Parking Kiosk-TPK



SIP Audio Intercom

One-Button

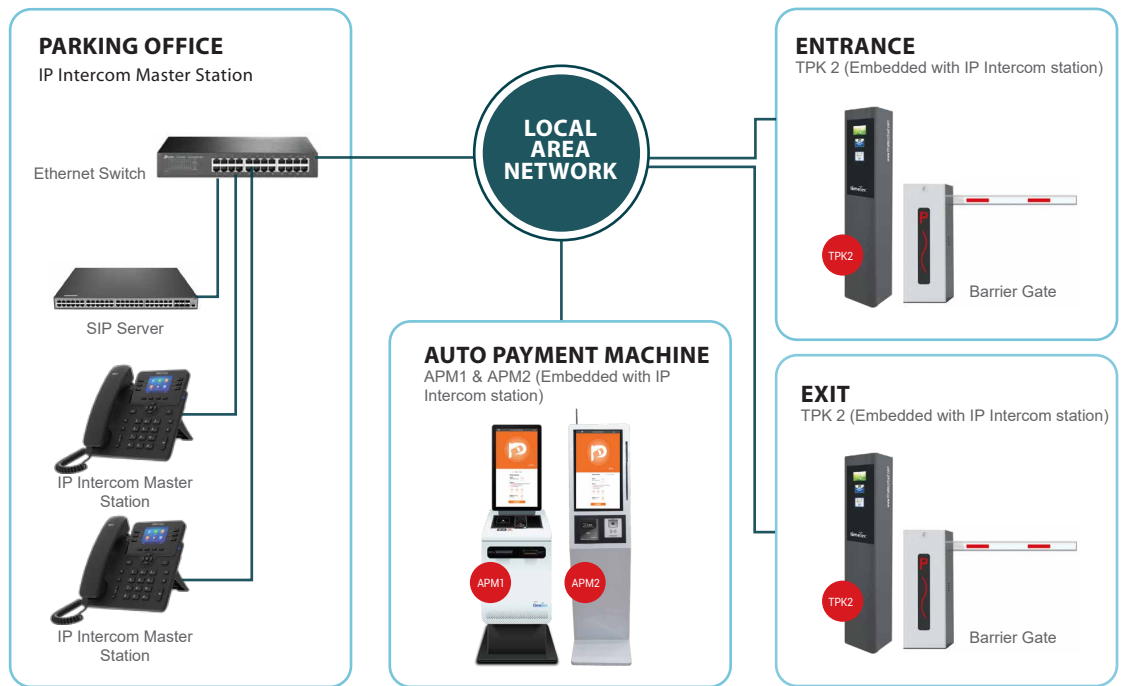
The TimeTec DP91-S is an One-button SIP audio intercom with advanced audio system that can be mounted on TimeTec TPK cashless parking kiosk and furnished with the echo cancellation function. Combined with the TimeTec DP70 indoor touch screen control pad or TimeTec C63G series IP Phone, you can remote communication with caller any time.

The TimeTec DP91-S offers keyless control and convenience for the users opening the door or barrier gate without a key. The door can be opened remotely via DTMF if there is an electronic door lock. TimeTec DP91-S also supports one touch button for emergency calling for parking industry.

Its main board, DP8XL uses a quad core ARM Cortex-A35 CPU designed for intelligent voice interaction, audio input/output processing, and other digital multimedia applications.



SYSTEM DIAGRAM



SPECIFICATIONS

ACCESS CONTROL

Dual SIP line, Dual SIP servers
 Door Access: 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 INTERFACE

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

ENVIRONMENTS

Operating Temperature: -20~65°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
 Wall-mounted installation
 Dimensions: 153*120*38 mm

Note: Specifications are subject to change without prior notice.

Authorized Reseller: