

The PE-7200/7300 is an ideal audio telephone intercom system with optional integrated proximity card reader and lift car control capability suitable for residential and commercial access control applications.

It is designed as an inexpensive alternative to conventional intercom system to reduce overall system cost and enhance system reliability because there are no complex system wirings and much fewer system components.

The internal full-duplex speakerphone provides natural and clear conversation between two parties.



**PE-7300:** Audio call panel with card reader



**PE-7200:** Audio call panel

### Key Features

- Full-duplex natural conversation
- Flexible line interfaces: PSTN, Mobile network or SIP trunk
- Support up to 1800 house units with up to three telephone numbers each, or up to 5400 users
- Call Progress Tone detection: useful in determining if a connection is successful or not.
- Line polarity detection: useful in determining if a call is connected or terminated.
- Line voltage monitoring: useful in determining if a line is bad or line is in used.
- Line sharing: single line to multiple VCPs. A benefit to cut down line subscription fee.
- Automatic no-answer call forwarding, auto hang up.
- High-quality backlit keypad
- High contrast OLED 20x4-character display
- Built-in real-time clock and time-stamping of each call event and door event.
- Entry code, proximity card entry and time zone
- Programmable tenant code, talk time and background beep tone
- 2 relay outputs and 2 push-button inputs allow controlling up to 2 independent EM door locks
- Lift car control capability
- Zigbee, Ethernet, RS485, PSTN modem communication interfaces
- PE-Vista Management Software Supported
- Weather resistant and stainless-steel surface

### Optional Accessories

- Lift car controller card to enable lift access from remote phone
- Text inserter for overlaying access information, e.g. unit number that the visitor is calling, onto video of security camera to enhance access security

### Electrical Specifications

- Power input: 12VDC Input @ 300mA
- Protection: PSTN line surge protection against lightning
- 12-key backlit keypad and 20-character by 4-line VFD-like LCD display
- 2 serial ports and 1 Ethernet port
- Relay dry contact rating: 125V@2A

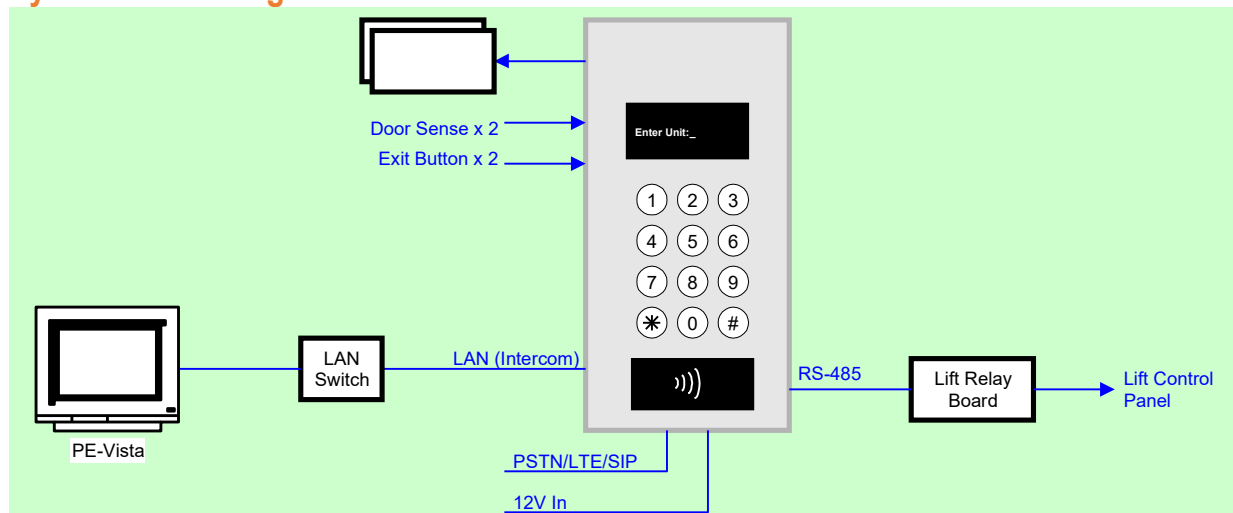
## Mechanical Specifications

- Construction: Stainless steel and weather resistant design
- Finishing: Hairline or mirror
- Mounting type: Surface, flush or pedestal
- Front panel mounting: Screwless snap-on mounting
- Front panel dimensions (L x W x D): 345mm x 135mm x 2mm
- Recess box dimensions (L x W x D): 330mm x 125mm x 60mm
- Overall weight: 2.5Kg

## Operating Environment

- Temperature: 0 to 55°C
- Relative Humidity: 5% to 95% non-condensing

## System Block Diagram



Specifications are subjected to changes without notification

## Also Available



**PE-7000:** Audio-video call panel with card reader



**PE-7100:** Audio call panel



**PE-7800:** Guard phone