

# Access Controller With Time Attendance



Access Control / Time & Attendance /  
Lift Access Control System / Home & Office Security

Applied with EM card / Mifare card / Felica card / Anti-duplicate card / NFC / Bluetooth / Pongee App



Unfading keypad with  
blue backlight(optional)



**PP-6750V**





## System introduction

- ◆ The Pegasus intelligent time recording terminals are designed to meet variant applications in time attendance and access control, lift control & ARM/DISARM security requirements. Each terminal can be operated independent simply or through PC communication RS-485 / TCP/IP to fulfill the multiple doors access system. The recording terminal includes nearly all the necessary functions for time recording and access control with bountiful manual & PC executed commanded functions as well as friendly operation commanded for manual operation.
- ◆ Supported Multi-frequency (**EM / Mifare <ISO 14443A , ISO 14443B> / Felica** ) time attendance recorder and access controller. (by optional)
- ◆ Supported dual decoding (**EM 125KHz ASK & 125KHz FSK 26 、 34 、 42bits**) time attendance recorder and access controller. (by optional).
- ◆ Unfading keypad by dual color ABA injection, unfading keypad with backlight. (Optional)
- ◆ With Freescale CPU supported working temperature -55~155°C
- ◆ Switching on alarm automatically, if failed input password for three times and warning management to avoid illegal entrance.
- ◆ Relay supported with shockproof, to avoid illegal open door entrance.
- ◆ Supported macro command to simplify access control & lift access setting.
- ◆ Supported **Bluetooth / NFC / Pongee APP** function.(Optional)
- ◆ For higher security, our **M3 series** is applied with anti-duplication HF card.

## General features

### Features for time recording application:

- ◆ Selectable batch or real time operation mode.
- ◆ 79 duty codes, duty name defined by PC.
- ◆ Possible in 8 digits ID for time attendance recording.
- ◆ Totally 192 alarm schedules (8 schedules per hour) dry contacts output for periodic belling.
- ◆ Supply data collection by real time or one by one events or massive block dump.
- ◆ High capacity with 8 digits card number. ( Either checking or without checking personal map )
- ◆ LCD display with 8 digits for displaying year, month, day, week, time & events counter.

### Features for access control application:

- ◆ System parameters and personal access map can be downloaded by PC or manually programmed through keypad.
- ◆ The personal access map is consisted of card ID, staff number and name, PIN and Time Zone Status, expiry date and Anti-passback.
- ◆ Excellent multiple operation modes :(1) Card only (2)Free access (3)Automatic operation mode by time zones.  
(4) Card + PIN (5)Door PIN only (6)Card Number+PIN
- ◆ All operation modes with PIN are supported by selectable duress function. Also, keypad is lockable to become dumb.
- ◆ Individual personal access map can be edited by block range add or delete card in group basis by on-lined PC or by manual thru. single / block range card number or by directly reading card thru. learning mode.
- ◆ Selectable immediate or batched conditional sorting and then printing out events thru. serial output interface.
- ◆ With complete door release, held monitoring and intruded alarm period and error trials.
- ◆ Full APB (anti-passback), time zone.
- ◆ Could dump all personal map in system by single PC or manual command.
- ◆ Group function by pressing password.

### Features for lift access control application:

- ◆ Supports 8/24/48/64/96 floors lift access control.
- ◆ Could lift access control and time zone control at the same time.
- ◆ With lift control, floor intercom, Mifare prepaid value, RFID lift card (Use competence login in card) function (Main function refer to lift access controller system)
- ◆ **For more information, please refer to lift access controller system.**



### Special function(optional):

- ◆ Patrol card : recording data, not to open door.
- ◆ Clean card : opening for specific time zone.
- ◆ Opening with dual card: The open door function by using two cards to proximity at the special time zone.
- ◆ Combining access control with relay box for DI/DO control.
- ◆ Pair with relay box and mini electromagnetic lock(ex. PML-080) for locker or mail box management.
- ◆ Voice broadcast function : Divide two types of public affairs and private affairs, upload data to access controller after edit in software. Private affairs will be broadcasted in advance.
- ◆ Massage will be showed on LCD.

## Specification

Dimensions(L x W x H)mm	138 x 85 x 29
Weight	340g± 5%
Waterproof	IP45
Display	16*2 rows of LCD
Power requirement	DC 12V±10%, standby current 80mA ±5% , working current 100mA ±5% (not including external power requirement for lock & alarm)
Output interface	RS-485
Operating temperature	-20°C ~ 70°C
Humidity	10%~90%
Transmission rate	Default 9,600 bps N,8,1(2,400/4,800/19,200bps)(38,400<selectable>)
Password	Programmable 4 digits PIN for each person.
Serial output	1. For connection with serial printer. 2. To drive DDR (digital door relay) for secure assess control function. 3. To drive 8/24/48/64 relay output modules for lifts access control. 4. Bountiful application functions requested by customer.
Card capacity / Events	32,000 card capacity, 32,000 events.
Card standard	125KHz ASK EM / 125KHz FSK HC / 13.56MHz Mifare (ISO 14443A , ISO 14443B) / 13.56MHz ISO15693 / 13.56MHz Felica (ISO 18092 UID) / Q type ※ Support customized card.
Input	With one or optional two port for external Wiegand (26/34 bits definable by command) & ABA input(by order)

Mifare is a registered trademark of NXP B.V.  
FeliCa is a trademark of Sony Corporation.



Personal access control



Management system for  
locker or mail box



Lifts access control



## System configurations



## Lift access controller system

For more information, please refer to lift access controller system.



## Lift access controller and prepaid value system(Optional)



For more information, please refer to lift access controller system.

## Ordering information

- PP-6750VXNR5 : 125KHz ASK EM controller & reader, 32000 users, 32000 events, RS485
- PP-6750VXHR5 : 125KHz FSK controller & reader, 32000 users, 32000 events, RS485
- PP-6750VXM0R5 : 13.56MHz Mifare(UID Serial) controller & reader, 32000 users, 32000 events, RS485
- PP-6750VXM0NR5: 13.56MHz Mifare(UID Serial) & EM controller & reader, 32000 users, 32000 events, RS485
- PP-6750VXM1R5 : 13.56MHz Mifare(Customer Key) controller & reader, 32000 users, 32000 events, RS485
- PP-6750VXM8R5 : 13.56MHz Mifare(Pegasus Key) controller & reader, 32000 users, 32000 events, RS485
- PP-6750VXM3R5 : 13.56MHz ISO15693 controller & reader, 32000 users, 32000 events, RS485

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