



**pegasus**

# PP-6750 Access Controller

**Intelligent 3 in 1 design for proximity  
Card reader / Access Controller / Time & Attendance**

## Introduction:

PP-6750 series products provide a fully featured hardware/firmware infrastructure for the access control system, which support stand-alone or intelligent PC on/off-line operation, and networking expandability with an additional TCP/IP converter. Most system parameters, personal map settings and status inquiry can be accomplished on this product independently or uploaded / downloaded via on-line PC, it also can be upgraded to support up to 15,000 card holders and 32,000 events buffer. Also, a lot of derivative versions to cover ARM/DISARM, two man escort, patrol, card with validity date, separate Digital Door Driver (DDR) and other customer special requested functions are reserved as optional functions to be ordered on OEM/ODM basis.

## Features:

- ① Proximity Reader / Access Controller / Time & Attendance 3 in 1 design, supports stand-alone or intelligent PC on/off-line operation.
- ① Built-in reader and provides a standard Wiegand input for external reader with anti-pass back function, also comes with 24/36/48 hours anti-pass back reset function.
- ① Support contactless thick, thin card (credit card size and easy for color printing) and keyfob.
- ① With 256KB nonvolatile memory for 6,000 cards and 8,000 events (expandable with 4 M bits(512KB) flash memory for 15,000 card & 32,000 events) for 6-10 digits I.D. with 4 digits PIN, personal time zones, staff numbers and name, and optional validity date.
- ① Operation modes: 1. card only 2. card and PIN 3. keying only (by card number and PIN) 4. auto operation mode by time zones 5. personalized operation mode (optional) 6. free access by time zones.
- ① Card can be added/deleted/inquired in single/ block of range or by read & learning by manual operation or via PC.
- ① 2 lines x 16 LCD for displaying system parameters and personal maps when setup or inquiry, such as: date, time, duty code, duty name, transactions, buffer counter, card number, ID number, and user name. And support printout for all events logging by connecting the serial output to PG-1050B printer adaptor.
- ① System parameters and personal maps editing with keypad by master card or thru 6 digits master PIN, also can be uploaded / downloaded via on-line PC.
- ① Multiple networking system can be configured to control up to 160 doors with supports of PCP832-XX multi-channel controller. Systems with thousands access controllers can be easily configured thru PC-T100 (TCP/IP converter) for Web based networking .
- ① With 2-6 transparent user selectable duty keys and another two digits 79 user definable duty codes with duty description names. Duty code can be automatic shifted by 8 scheduled time zones.
- ① 168 time alarm for bell schedules and 96 holiday schedules.
- ① Keypad lockable by master PIN and selectable Anti-duress code function to enhance security.
- ① Check repeat reading function to prevent repeating reading within 1-9 minutes.
- ① Support error message logging, such as: PIN error, card number error, invalid card, time zone mismatch, door monitoring time too long, validity date.
- ① Warning message "Full 99%" prompt on LCD display for collecting data.
- ① Auto power reset with watchdog timer and low power RTC design, data retention for 10 years while power failure.
- ① LCD displays message from PC command.
- ① ARM / DISARM for alarm panel.
- ① Optional function: Guard patrol function, card valid time restriction, digital door driver(DDR), 64 floors lift controller.



CAT:060425



## Specifications:

Model No.	PP-6750				
Type	6750N	6750P	6750J	6750M	6750H
Card type	EM	Pegasus	Pegasus (J type)	Mifare	HID
Read range	5-20 cm		3-8 cm		8-15 cm
Frequency / Modulation	125KHz / ASK				
Memory	256KByte NVRAM (expandable upto 4MB)				
On-line Interface	RS-232C or RS-422 or RS-485. Web-based networking, 10/100Mbps auto-sensing (TCP/IP converter PC-T100)				
Baud rate	300-115,200 bps, N,8,1 (default 4,800 bps)				
Card holders/events	6,000 card holders / 8,000 events ( 256KB NVM ) 15,000 card holders / 32,000 events ( 512KB Flash+256KB NVM )				
Time zone	Time & Attendance	8 personal time zones, 8 time zones for auto duty mode			
	Access control	8 personal time zones, 8 time zones for auto operation mode			
Inputs	3 inputs for external reader, push button, door monitoring				
Outputs	5 outputs for door release, alarm, printer output, tamper switch, and door bell				
Display	LCD module with 16 characters x 2 lines				
Mounting	Surface mount with waterproof				
Enclosure material / color	ABS / dark grey				
Keypad	4 x 3 numeric keypad, waterproof				
Indicators	Bicolor (red/green) and amber LEDs, multi-tone buzzer				
Power supply	12V DC, 150 mA(Linear power supply recommended)				
Operation temperature	0°C ~ 55°C				
Humidity	10%~90% RH, Non condensation				
Dimensions	137(L) x 85(W) x 25(H) mm / 5.39(L) x 3.35(W) x 1.14(H) inch				
Weight	340g±5%				

## Typical Configurations:



## Ordering information:

For PP-6750 Access Controller

**PP-6750** ☐ / ☐ - ☐ ☐

Pegasus ☐ System ☐

P : 125KHz proximity card

N : EM card      R2 : RS-232  
 P : Pegasus card      R4 : RS-422  
 J : Anti-duplicate      R5 : RS-485  
 H : HID card  
 M : Mifare card(M0, M1, M8)

6D : 6 digits card number & English LCD  
 6G : 6 digits card number & Graphic LCD  
 8D : 8 digits card number & English LCD  
 8G : 8 digits card number & Graphic LCD  
 10D : 10 digits card number & English LCD  
 10G : 10 digits card number & Graphic LCD



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\* We reserve the right to change the specification without prior notice or obligation!