



**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:

- Proximity Reader / Access Controller / Time & Attendance 3 in 1 design, supports stand-alone or intelligent PC on/off-line operation.
- 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.
- Support contactless thick, thin card (credit card size and easy for color printing) and keyfob.
- With 256KB nonvolatile memory for 6,000 cards and 8,000 events (expandable with 4 MB 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.
- 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. auto free access
- Card can be added/deleted/inquired in single/ block of range or by read & learning by manual operation or via PC.
- 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.
- 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.
- Multiple networking system can be configured to control up to 160 doors with supports of PCP832-XX multi-channel controller. Thousands access controllers system can be easily configured thru PC-T100 (TCP/IP converter) for Web based networking .
- 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.
- 168 time alarm for bell schedules and 96 holiday schedules.
- Keypad lockable by master PIN and selectable Anti-duress code function to enhance security.
- Check repeat reading function to prevent repeating reading within 1-9 minutes.
- Support error message logging, such as: PIN error, card number error, invalid card, time zone mismatch, door monitoring time too long.
- Warning message "Full 99%" prompt on LCD display for collecting data.
- Auto power reset with watchdog timer and low power RTC design, data retention for 10 years while power failure.
- Optional function: Alarm control enable/disable, guard patrol function, card valid time restriction, digital door driver (DDR)



For Single Point Solution from Designing to After Sales & Service. Please contact



## COMPTRONIC SOLUTIONS

14/2, Old China Bazar Street, 3rd Floor, Suite No. 202, Kolkata - 700 001, INDIA  
Phone : 91-33-2242-4094 / 2231-8007 • Telefax : 91-33-2242-0492  
E-mail : [info@comptronicsolutions.com](mailto:info@comptronicsolutions.com) • Website : [www.comptronicsolutions.com](http://www.comptronicsolutions.com)

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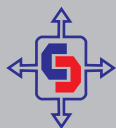
## Specifications:

Model No.	PP-6750			
Type	6750N	6750P	6750J	6750H
Card type	EM	Pegasus	Pegasus (J type)	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 ) 15,000 card holders / 32,000 events ( 4MB )			
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:



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 E-mail : info@comptronicsolutions.com • Website : www.comptonicsolutions.com

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