Intelligent Time Attendance
Recorder & Access Controller

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

Pegasus ®

PP-6750V
Unfading keypad by dual color ABS injection

PP-85V

PP-36

PP-35

PFP-3702
Fingerprint

PP-3702/T
TCP/IP embedded

PP-3790

System introduction

The Pegasus PP series is a intelligent time recording terminals 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 / RS-232 / 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.

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.
  (For PP-6750V / PP-3790 / PP-3702/T / PFP-3702 series)

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 (7)Fingerprint (8) ID+Fingerprint
  {(4)(5)(6) except PP-36, (7)(8) for PFP-3702}
- All operation modes with PIN are supported by selectable duress function. Also, keypad is lockable to become dumb.(except PP-36)
- 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.

Unfading keypad with blue backlight(optional)

Specification

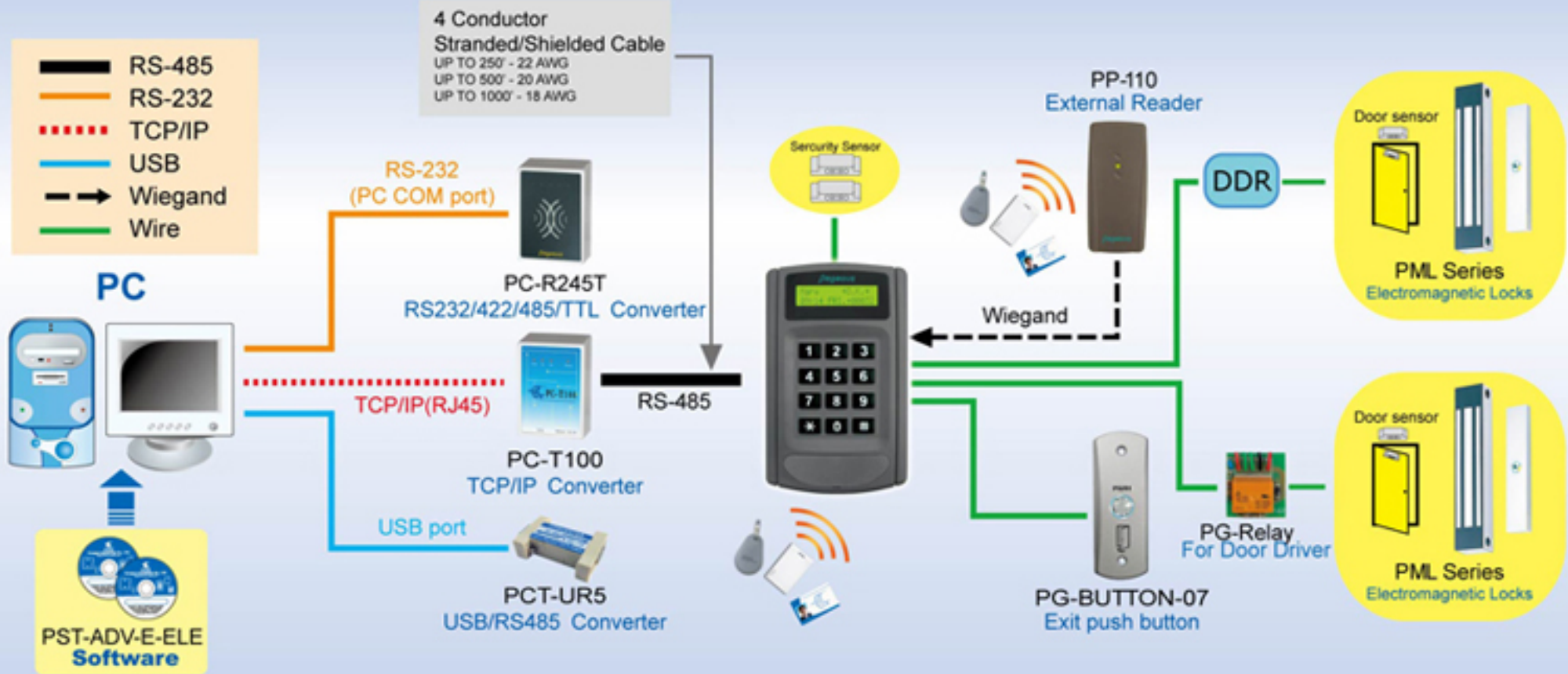| Model No.	PP-35	PP-36	PP-45	PP-55	PP-85V	PP-6750V	PP-3790	PP-3702/T	PFP-3702
Dimensions (L x W x H)mm	118 x 75 x 17	118 x 75 x 17	140 x 58 x 25.5	122 x 85 x 32	116 x 81 x 30	138 x 85 x 29	174 x 100 x 32	174 x 100 x 43	
Weight	155g± 5%	155g± 5%	115g± 5%	175g± 5%	145g± 5%	340g± 5%	450g± 5%	600g± 5%	
Doorbell	Yes(Optional)	---	Yes	---	Yes	- - -	- - -	Yes	
Waterproof	Yes	Yes	Yes	Yes	Yes	- - -	Yes	---	
Display	NO					16*2 rows of LCD	Type with graphic 144 x 64 pixel LCD	16*2 rows of LCD	
Power requirement	DC 12V±10%, standby current 30mA ±5%，working current 60mA ±5% (not including external power requirement for lock & alarm)					DC 12V±10%, standby current 80mA ±5%，working current 100mA ±5% (not including external power requirement for lock & alarm)			
Output interface	RS-485 / RS-232				RS-485 RS-232(optional)	RS-485 / RS-232		RS-485/RS-232 TCP/IP	RS-485/RS-232 TCP/IP(optional)
Operating temperature	-20℃ ~ 70℃								
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.								
Events/card capacity	(1) K Series: 1,000 card capacity,500 events.(2) L Series: 2,000 card capacity,1,000 events. (3) M Series: 30,000 card capacity,10,000 events.(4) N Series: 11,000 card capacity,32,000 events. (5) P Series: 11,000 card capacity,8,000 events.(6) X Series: 32,000 card capacity, 32,000 events. Other capacity combination requested by order								
User Capacity	---								9,000
Enrollment time	---								<550~850 msec
1:1 Verification time	---								<550~850 msec
Card standard	EM 125KHz / Mifare 13.56MHz(ISO 14443A or ISO 14443B) (Depending on order) Wiegand 26/34 bits port for any kind of reader ※ Support customized card.								
Input	With one or optional two port for external Wiegand (26/34 bits definable by command) & ABA input(by order)								

Personal access control

Lifts access control

Management system for locker or mail box

System configurations

Legend:
- RS-485
- RS-232
- TCP/IP
- USB
- Wiegand
- Wire

4 Conductor Stranded/Shielded Cable
UP TO 250' - 22 AWG
UP TO 500' - 20 AWG
UP TO 1000' - 18 AWG

PC

RS-232 (PC COM port)

TCP/IP(RJ45)

USB port

PST-ADV-E-ELE Software

PC-R245T
RS232/422/485/TTL Converter

PC-T100
TCP/IP Converter

RS-485

PCT-UR5
USB/RS485 Converter

Security Sensor

PP-110
External Reader

Wiegand

DDR

Door sensor

PML Series
Electromagnetic Locks

PG-Relay
For Door Driver

PG-BUTTON-07
Exit push button

PML Series
Electromagnetic Locks

Lift access controller system

PC

RS-232 (PC COM port)

TCP/IP(RJ45)

USB port

PST-ADV-E-ELE Software

PC-R245T
RS232/422/485/TTL Converter

PC-T100
TCP/IP Converter
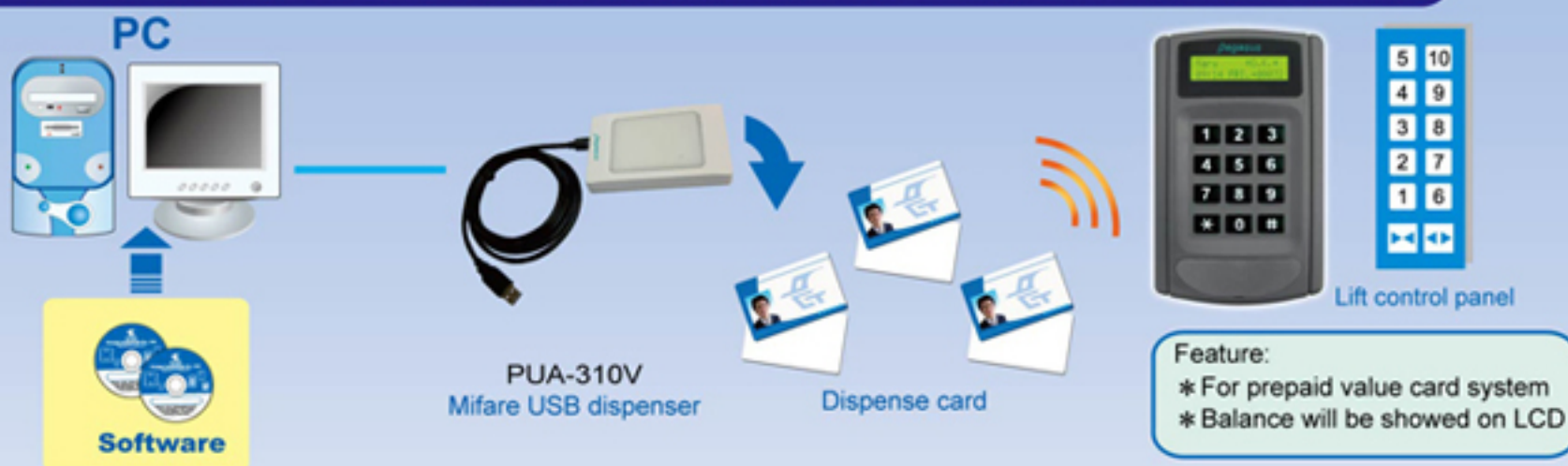
RS-485

PCT-UR5
USB/RS485 Converter

PG-OUTMOD-24A
Relay box

Lift control panel

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

Lift access controller and prepaid value system(Optional)

PC

Software

PUA-310V
Mifare USB dispenser

Dispense card

Lift control panel

Feature:
* For prepaid value card system
* Balance will be showed on LCD

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

Ordering information

PP - 6750V L / P R5

Model No.

Card capacity / Events:
K Series : 1,000 card capacity,500 events.
L Series : 2,000 card capacity,1,000 events.
M Series : 30,000 card capacity,10,000 events.
N Series : 11,000 card capacity,32,000 events.
P Series : 11,000 card capacity,8,000 events.
X Series : 32,000 card capacity,32,000 events.

Card type:
N : EM card
P : Pegasus card
H : HC card
M : Mifare card(M0, M1, M8)

M0: UID Serial
M1: Customer Key
M8: Pegasus Key

Serial interface:
R2 : RS-232
R5 : RS-485
T : TCP/IP(for PP-3702/T)