# PV10

## Guarding and Patrolling System
### Powered By RFID Technology

Electrical substations

Postal services

Guarding and Patrolling

Sport centers

Industrial plants

**PV10
RF Reader**

RFID   USB
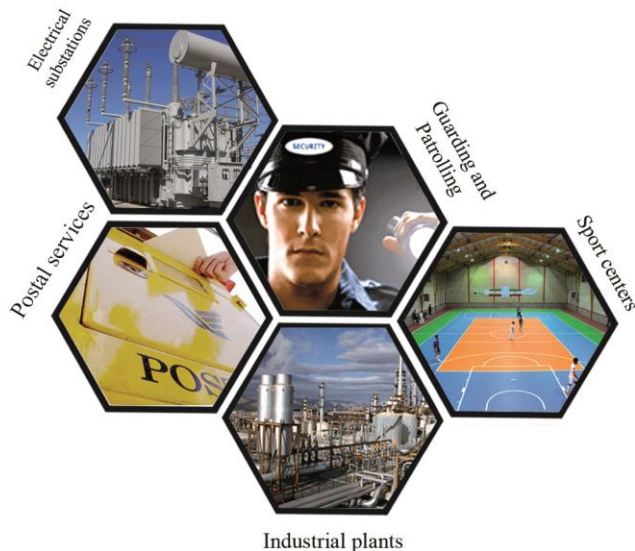
Be confident about the timely and regular attendance of your guarders in specified locations and build a firm and disciplined guarding and patrolling management system.

## Features

- ☑ Equipped with LF RFID reader (134.2KHz or 125KHz)
- ☑ Storing time of attendance automatically after reading RFID tag
- ☑ Storing more than 250000 records for check-points
  (serial of tag along with read date and time)
- ☑ Application software with different facilities
- ☑ Programmable with C language
- ☑ Windows DLL for developing proprietary applications
- ☑ Flashlight
- ☑ Small and light
- ☑ Simple to use and efficient

## Applications

- ☑ Periodic and visual visiting
- ☑ Portable attendance system
- ☑ Security inspection
- ☑ Guarding and Patrolling System
- ☑ Postal services

## TAPCO ®
**TARASHE PARDAZE POOYA**

TAPCO- Leader of Automatic Data Collection Systems

## PV10-V20 Specifications

**Specifications are valid at nominal input voltage and an ambient temperature of +25°C, (77°F). Specifications are subject to change without notice.**

| General | |
|---|---|
| Type | Guarding and Patrolling System |
| CPU | 32-bit ARM Cortex-M3, 100MHz |
| Storage Capacity | Up to 250000 Records (Serial of Tag Along With Read Date and Time) |
| Date & Time | Real Time Counter (RTC) |
| Keyboard | One Key for On-Off/ Reading Tag and Flashlight |
| Display | Two LEDs: Red for Power, Green for OK |
| Flashlight | LED Type |
| Other | Buzzer/ Vibrator |

| Power | |
|---|---|
| Battery | Chargeable Li-ion, 3.7V/ 1000mAh |
| Charger | Adaptor 5V/ 1A,  MiniUSB 5V |
| Work Time with Full Battery | Standby Mode:  More Than 5 Years<br>Working Mode: Reading More Than 40000 RFID Tags<br>(or Reading RFID Tags Continuously for 25 Hours) |
| Data Retention | 10 Years |
| Power Management | Auto Power Off Device<br>Turn Off Device When Power is Low |

| Connectivity | |
|---|---|
| RFID Reader | RFID LF 134.2KHZ Reader (or) RFID LF 125KHZ Reader |
| MiniUSB | For Data Exchange with PC and Battery Charging |

| Physical Characteristic | |
|---|---|
| Size | 107* 50* 23 mm (Length, Width, Thickness) |
| Case Type | ABS |
| Weight | 90g (with Battery) |
| Operating Temperature | - 20 ~ 55 °C |
| Storage Temperature | - 30 ~ 70 °C |
| Humidity | 20 ~ 95%RH |

| Software |
|---|
| Patroling Software (Soroush) |

| Development Tools |
|---|
| Windows DLL |
| C Libraries |

| Accessories |
|---|
| MiniUSB Cable |
| Adaptor 5V/ 1A |
| Carrier Bag (optional) |

## One Year Warranty , Five Years After Sales Services