HDP-100WS
Parking Control Panel

Features

- Blacklist to prevent unknown usage of lost card.
- Provide 2 relay outputs for gate barrier and alarm.
- Provide 128 time zones and schedules, 100 holiday schedules per year. (Able input date through software)
- Control panel holder & block terminal ensure easy installation & easy maintenance.
- Provide RS-485 communication interface to PC.
- Control panel and reader separate design, maximum connects 4 ABA Track 2 readers or 4 Wiegand readers OR 4 RS-485 Readers for two gates.
- Provide optical coupled isolated sensors for exit sensor, ground sensor and reader tamper.
- Anti-passback and Duress card/code setting. When gate opened in the emergency, controller will send signal to control center at the same time for tracing and rescue.
- ESD / Surge protection design to protect devices & enhance communication quality.
- RTC (Real Time Clock) and Watchdog function ensures accurate date/time and system free from halting.

Ordering Information

Package Content:
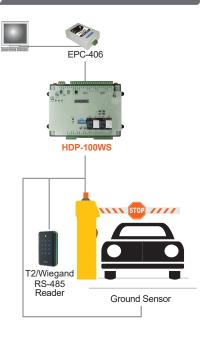- HDP-100 x 1
- Quick Start Guide x 1

Supported Software:
- HAMS Management System

Optional Accessories:
- EPC-406 USB to RS-422/485 Converter
- T2/Wiegand/RS-485 Proximity Reader

System Architecture

EPC-406

HDP-100WS

T2/Wiegand
RS-485
Reader

Ground Sensor

Specifications

Input Ports	8 sensors (Ground Sensor x 2、Exit Sensor x 2、Case Sensor x 4)
Output Ports	4 Relays (Gate Barrier x 2、Alarm x 2)
Cardholders	15,000 (max)
Events	40,000
LED Indicator	Power / Output Status / Comm.
Real Time Clock	Yes
ID Setting	DIP switch setting
Reader Ports	ABA-Track2 x 4 / Wiegand x 4 / RS-485 x 1
Power Input	DC 12V / 1A (excluding slave reader)
Current Consumption	500mA (max. excluding slave reader)
Comm. Interface	RS-485
Comm. Baudrate	9,600 / 19,200 / 38,400 bps-N-8-1
Operating Temp.	-40°C ~ 70°C / -40°F ~ 158°F
Relative Humidity	20% ~ 80% (Non-condensing)
Dimension	150mm(L) x 210mm(W) x 29mm(H)