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SMART CARD TECHNOLOGY
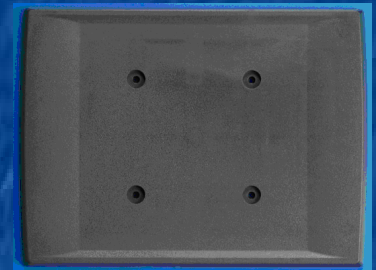
RP06 EXTENDED LONG RANGE READER

RP06 is an extended long range proximity reader featuring compact dimensions and reading range of up to 1.1 meter. The new **RP06** Long Range Reader RFID, specially made for car park operation environment which has been skillfully build with the understanding the important criteria for a successful car park business, economical, practical and durable. The same basic unit can be configured to output most of the common interface formats, including Wiegand, Mag-stripe and RS-232 serial ASCII and RS485 output, making it easy to upgrade the existing installations.

RP07 Extended Long Range Reader

Features

❖Reading distance around 1.1 meter with Extended RFID Tag

❖High precision auto tuning circuitry compensates for environmental changes

❖Bright LED indicators, tuning LED bar

❖Internal relay and serial port command built-in

❖Attractive and waterproof housing design

❖Externally programmable interface

❖Cost effective

❖Easy to install

RFID TAG

Specifications
Electrical

Power Requirements:
Power supply input voltage: AC120/ 60Hz or 230V/50Hz

Output voltage: DC 18~19.2V / 1.5A (Max)

Wiegand: 26 bits

MSR ABA Track2: ISO, ABA TK2 emulation

RS232: Serial ASCII, 9600, N, 8, 1 (Relay control)

RS485 or Special Customized Specification

Interface Cable - 90 cm

Read Range: Extended long range reader reading

range up to 1.1 meter at 18~19Vdc with O7 RFID Tag

in ideal conditions or up to 130cm with special clamshell card.

Frequency: 125 KHz, ASK

Format: 64 bits, Manchester coding

Transponder: Read only

Chip type: EM H4001 / H4002 compatible

ID code: 10 digits in Hex; 125 KHz, ASK; 64 bits,

Manchester coding

Rate timing: MOD 64 (64 clock per bit)

Audio / Visual indication: Internal LED and Buzzer

Environmental

Operating temperature Range: -10 to 60 Deg C

Operating relative Humidity: 10 ~ 90%

Note: The specification is subject to change without notice.

Application

❖Access Controls

❖Car Parking Systems

❖Through-wall Reading Application

❖Personal Identification

❖Any Long Range reading applications

❖Hand Free Applications