Proximity Reader

- Contactless reading.
- Reading distance up to 90 cm
- Externally programmable interface
- Potted for environmental protection
- Weather resistant
- User convenience
- Easy to install
- Unique design
- Relay control
- Firmware download model
- Status LED display
- Tuning LED display

Product Name : Advanced Long Range Proximity Reader

Model No. : GP90A

Introduction : **GP90A** is an extended range proximity reader featuring compact dimensions and read range of up to 90 cm. The unit will run an excellent power supply and making it particularly suited to access control, car parking and through-wall reading applications. 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.

Specifications : **Electrical**
Power Requirements:Power supply input voltage: AC120/ 60Hz or 230V/50Hz
Output voltage: DC 18~19.2V / 1.5A (Max)
Interface:
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 : Up to 90 cm at 18~19Vdc with ISO card in ideal conditions.
Frequency : 125KHz, ASK
Format : 64 bits, Manchester coding
Transponder : Read only
Chip type : EM H4001 / H4002 compatible
ID code : 10 digits in Hex ; 125KHz, ASK ; 64 bits , Manchester coding
Rate timing : MOD 64 (64 clock per bit)
Audio / Visual indication : Internal LED and Buzzer

Mechanical
Dimensions: 420 (L) x 320 (W) x 45(H) mm
Housing material: ABS

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