The GP60A and GP90A are extended range 125kHz RFID readers. available in common interface formats including RS232, Wiegand, Magstripe and RS485 (optional).

GP60 has a read range of up to 60cm. The GP90 can read up to 90cm with a standard ISO card and, if used with a special clamshell card, the reading distance extends to up to 130cm.

Both RFID readers are weatherproof, have relay control and are particularly suited to access control, car parking and through-wall reading applications.

GP90A

GP60A

Features

- Wide voltage range
- Potted for environmental protection
- Internal relay
- Weather resistant
- Externally programmable interface

Interfaces	RS232, Wiegand, MSR ABA Track 2 or RS485
Read Range *with ISO card in ideal conditions	**GP60:** Up to 60cm **GP90:** Up to 90cm or up to 130cm with clamshell card (CFR03)
Power Requirements	**GP60:** DC 5V - 13.5V / 350mA, Linear **GP90:** DC 18V - 19.2V / 1.5A
Frequency	125kHz, ASK
Format	64 bits, Manchester coding
Audio / Visual	**GP60:** Buzzer **GP90:** Blue LED and buzzer
Dimensions (LxWxD mm)	**GP60:** 210 x 210 x 28 **GP90:** 420 x 320 x 45
Temperature Range	Readers: -10°C ~ 60°C Transponders (Cards & Tags): -55°C ~ 80°C

Ordering Information

Long Range RFID Reader

- **GP60A** *(without power supply)*
  PS60A-00E AC 230V power supply
  PS60A-00U AC 120V power supply

- **GP90A** *(without power supply)*
  PS90A-00E AC 230V power supply
  PS90A-00U AC 120V power supply

RFID Cards & Tags
CFR01 - 86 x 55 x 0.8mm ISO card
CFR03 - 86 x 55 x 2mm Clamshell card
TAG52 - Diameter 52mm x 8mm
TAG50 - Diameter 50mm x 2mm
TAG25 - Diameter 25mm x 4mm
TAG22 - Diameter 22mm x 4mm
TAG25K - Keyfob/Tag 31 x 41 x 5mm
TAG20K - Keyfob/Tag 30 x 45.2 x 5.1mm