

RFID Readers (GP8, GP20, GP30)

GP series RFID readers run from any voltage from 5 to 12.5 VDC and feature high read range down to as low as 5 volts making it ideally suited to a many applications, particularly access control.

The same unit can be configured to output most of the common interface formats, including Wiegand, Magstripe, Clock/ Data and RS-232 serial ASCII output, making it easy to upgrade existing installations.

Features

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



GP20P

Applications

- Access Control System
- Time & Attendance
- Guest Registration System
- Authorisation Identification
- ID Authentication

Ordering Information

OEM RFID Reader Module

- GP8 – OEM reader module

Wall Mount RFID Reader

- GP20 / GP20P – Up to 20 cm range
- GP30 – Up to 30 cm range
- GP60A – Up to 60 cm range
- GP90A – Up to 90 cm range

Interfaces	RS232, Wiegand or MSR ABA Track 2
Read Range *with ISO card	GP8: Up to 7cm without external antenna Up to 30cm with external antenna GP20: Up to 13cm at 5V / Up to 20cm at 12.5V GP30: Up to 20cm at 5V / Up to 30cm at 12.5V
Power Requirements	DC 7.5V - 24V / 125mA@12V Regulated power is recommended
Frequency	125kHz, ASK
Format	64 bits, Manchester coding
Transponder	Read only
Dimensions (LxWxD mm)	GP8: 41 x 24 x 10 GP20: 78 x 43 x 15 GP30: 104 x 63 x 20
Temperature Range	Readers: -25°C ~ 65°C Transponders (Cards & Tags): -55°C ~ 80°C