

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



GP30N

GP30

GP20N

GP20

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

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

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| 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 - 12V / 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 |

