



**Product:** GP20 Wall Mount Proximity RFID Reader (EM4200)  
**Product Code:** CAR006

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

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

### 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

