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

<table>
<thead>
<tr>
<th>Interfaces</th>
<th>RS232, Wiegand or MSR ABA Track 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Read Range *with ISO card</td>
<td>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</td>
</tr>
<tr>
<td>Power Requirements</td>
<td>DC 7.5V - 24V / 125mA@12V Regulated power is recommended</td>
</tr>
<tr>
<td>Frequency</td>
<td>125kHz, ASK</td>
</tr>
<tr>
<td>Format</td>
<td>64 bits, Manchester coding</td>
</tr>
<tr>
<td>Transponder</td>
<td>Read only</td>
</tr>
<tr>
<td>Dimensions (LxWxD mm)</td>
<td>GP8: 41 x 24 x 10 GP20: 78 x 43 x 15 GP30: 104 x 63 x 20</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>Readers: -25°C ~ 65°C Transponders (Cards &amp; Tags): -55°C ~ 80°C</td>
</tr>
</tbody>
</table>

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

Note: Specification is subject to change without notice.