

SLG UHF Long Range Reader

Passive read-write stationary reader with 4CH multiplexer!

Product description:

- High performance UHF reader (read/write) with a reading distance of up to 10 meters
- 4CH multiplexer allows a connection up to 4 antennas
- RS232 and USB interfaces

General features:

- Software configurable frequency (860-960 MHz) which makes it usable in Europe, USA and Japan
- Software programmable RF Power (up to 2W RF)
- RF Operating Distance up to 10 m (at 1W RF)
- Multi-color LED indicators to monitor status
- Robust and very small form factor
- Field upgradeable firmware via USB port
- Dense Reader Mode
- "Listen before talk" feature
- High sensitivity up to -98dBm
- Anti-Self Jamming (ASJ) Technology option
- Supports ISO18000-6 B/C tags (Class1 Gen2 incl.)
- ETSI + FCC operation
- Demo software & PC library CD for Windows programs



Technical specifications:

| | |
|----------------------------------|---|
| Power supply: | 5V – 1.5 Amp (1 Watt TX/RX operation), 400mA (standby mode), 100mA (sleep mode) |
| Reading range: | Up to 10m (tag & antenna configuration dependent) |
| Status indicators: | Multi-color LED indicators |
| Interface: | Standard ESD-protected RS232 serial interface + USB interface |
| Output power: | Software adjustable in 0.1dBm steps |
| Multi-Reader environment: | Dense Reader Mode (DRM), "Listen before Talk", Anti-Self Jamming (Option) |
| RF interface: | 4 x SMA (Monostatic) |
| RF Rating: | Up to 2W (Software programmable) |
| Supported transponders: | ISO 18000-6 B/C tags |
| Receiver sensitivity: | Up to -98dBm |
| Firmware upgrade: | Firmware upgradeable via USB |
| Operating frequency: | 860-960 MHz (Software selectable) |
| Temperature range: | -10°C up to 60°C |
| Weight: | 200g |
| Dimensions: | 120 x 105 x 21mm |
| Order number: | E4001.000231 |