

## SLG 868 MHz UHF Long range Controller, R/W



### General features:

- Supports ISO18000-6 B/C (incl. C1G2)
- Software configurable frequency (860-960 MHz)
- Read/Write device
- Software programmable RF Power (up to 2W RF)
- RF Operating Distance up to 10 m (at 1W RF)
- Dense Reader Mode
- "Listen Before Talk" feature
- High sensitivity up to -98dBm
- Anti-Self Jamming (ASJ) technology option
- ETSI + FCC operation
- Multi-color LED indicators to monitor status
- 1-4 Antenna Ports
- RS232/RS485 or Ethernet or Profibus interface
- 2 digital output (relè)
- 2 digital input with optical insulation
- Easy firmware upgrade and configuration
- CE approved + IP 65
- Demo software & PC library CD for Windows programs

<u>Technical specification</u>	
<b>Dimensions:</b>	160 x 120 x 55 mm
<b>Humidity protection:</b>	IP 65
<b>Approval:</b>	CE
<b>Display:</b>	3 LEDs & Buzzer
<b>Available interfaces:</b>	RS232/RS485, Ethernet, Profibus
<b>Antenna ports:</b>	1 up to 4 antenna ports
<b>Supported tags:</b>	ISO 18000-6-B/-C incl. Class 1 Gen2
<b>Frequency:</b>	860 – 960 MHz
<b>Operating distance:</b>	Up to 10 m (at 1 W RF), depending on tag and antenna
<b>Output power:</b>	Max. 2 W, Software adjustable in 0,1 W steps
<b>Receiver sensitivity:</b>	Up to -98dBm
<b>Power supply:</b>	10 – 27 V DC
<b>Multi-Reader environment:</b>	Dense Reader Mode, "Listen Before Talk", Anti-Self Jamming (Option)
<b>RF interface:</b>	4 x SMA (Monostatic)
<b>Temperature range:</b>	-10°C up to +65°C
<b>Consumption max.:</b>	150mA (RS232/RS485), 400mA (Ethernet), 280mA (Profibus)