

# SCI EL READER LITE

Active RFID Readers



## BENEFITS

- Automatic event detection (door opening, asset movement)
- Internal RFID 433MHz antenna and external antenna connector
- Automatic sensor monitoring(temperature, humidity, third-party analog sensor)



## TECHNICAL SPECIFICATIONS

### OPERATING MODE

<b>Frequency</b>	433,92 MHz
<b>Range</b>	Adjustable by software command Internal Antenna's receiving range: up to 15m External Antenna's receiving range: up to 80m (depending on external antenna's type)
<b>Settings</b>	ERM Configuration tool provided for PC running on Windows XP, W7, W8 Programming by specific RS232 –USB cable
<b>DEL</b>	Power (green), ID frame reception (yellow)
<b>Antenna connector</b>	Internal antenna or external antenna F-SMA connector Selector by internal jumper
<b>Power connector</b>	6-pin µFit Connector (Power, RX, TX, 0,1A Open Collector Output, Ground) Female SMA connector (for external RFID antenna)

### POWER SUPPLY

<b>Supply voltage</b>	10-26 VDC (with accepted voltage peak up to 32VDC) or 5VDC through output power from AVL device Selection by internal jumper
<b>Supply current</b>	25mA

## CERTIFICATIONS

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**Europe** EN 301 489 –3: 2002 V1.4.1; EN 300 220 –2007: V2.1.2; CE

**RoHs** Yes

## HOUSING

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**Dimensions** 96 x 40 x 20 mm

**Materials** ABS Grey Housing  
2 mounting slotted holes 12 x 3.5 mm

**Operating temperature** -20°C to +60°