

## 13,56 MHz Mid-Range Reader / Writer SIR-2200



- 13,56 MHz RFID reader/writer for mid-range applications
- Integrated multiplexer with up to 8 antenna connections (SIR-2200-MUX8)
- 2 digital Inputs / 2 digital Outputs
- EAS function (Electronic Article Surveillance)
- SWR measurement function to check the status of the antenna
- Minimal power-consumption for eco-friendly applications: < 12 Watts at 1.5 HF-power @ 50 Ω
- Web Interface for configuration and firmware update
- Autonomous mode (SMART Read)

### Technical Data:

Dimensions: (l x w x h )	(160 x 105 x 38) mm / with connectors: (185 x 131 x 38) mm	
Power supply:	Typ. 24 V/DC (permitted input-range 18-28 V/DC)	
Current consumption:	Typ. 500 mA @ 24V/DC supply-input	
Transmit frequency:	13.56 MHz	
Antenna outputs:	SIR-2200	1 x SMA female-connector
	SIR-2200-MUX4	4 x SMA female-connector
	SIR-2200-MUX8	8 x SMA female-connector
Output Power:	1.5W @ 50 Ω	
Transponders:	ISO 15693, ISO 18000-3, ISO 18000-3 Mode3 ICODE SLIX, ICODE SLIX-S, ICODE SLIX-L: ISO 15693 + Custom Commands NXP Icode 1 EM 4034, 4035, 4135: ISO 15693 + Custom Commands Infineon My-D: ISO 15693 + Custom Commands Tag-it HF-I: ISO 15693 + Custom Commands	
Interface:	USB 2.0, Ethernet, RS232	
Housing:	Alu / IP20	
Weight:	0,7 kg	
Operating temperature:	-10 °C to +60 °C	
Storage temperature:	-20 °C to +70 °C	

### Order Information:

SIR-2200	Order-No.: 220.2200
SIR-2200-MUX4	Order-No.: 220.2204
SIR-2200-MUX8	Order-No.: 220.2208

## 13,56 MHz Long-Range Reader / Writer SIL-2200

### Accessories:

Antenna SAT-A12/12-MR-P-13MHz	Order-No.: 400.5312 (120 x 120 x 12) mm
Antenna SAT-A25/30-MR-P-13MHz	Order-No.: 400.2025 (250 x 300 x 12) mm
Antenna SAT-A26/31-MR-PML-13MHz	Order-No.: 400.2026 (260 x 310 x 23) mm
Antenna SAT-A4-LR-PP-13MHz	Order-No.: 400.4025 (210mm x 210mm)
Antenna SAT-A114/22-LR-OF-13MHz	Order-No.: 400.2027 (1140mm x 220mm)
Antenna SAT-A40-LR-OF-13MHz	Order-No.: 400.0110 (400mm x 400 mm)
Antenna SAT-A20/50-LR-IW-13MHz-K02	Order-No.: 400.2053 (500mm x 200mm)
Antenna SAT-A25/30-LR-IW-13MHz	Order-No.: 400.0022
Cable-HF-0.25m-SMA male-BNC female	Order-No.: 500.0110
Adapter SMA male – BNC female	Order-No.: 999.0139
Cable-HF-2m-SMA-SMA male/male	Order-No.: 999.0653
Cable-HF-5m-SMA-SMA male/male	Order-No.: 999.0356
Power Supply EU SIL-2200	Order-No.: 999.0165S
Plug-in power supply EU 24V/24W	Order-No.: 999.0067