

## 13.56 MHz Midrange Reader / Writer Industrial Reader SIR-2550



- 13.56 MHz RFID midrange reader/writer
- reading distance up to 75 cm (ISO-card size Tag with antenna SAT-A40-LR-OF-13MHz)
- CE
- DIN rail mounting
- 1 digital Input / 3 digital Outputs

### Technical Data:

Dimensions: (l x w x h)	(190 x 105 x 55) mm
Power supply:	external 12V/1A DC (12V-24V)
Current consumption:	typ. 500 mA @12 V
Transmit frequency:	13.56 MHz
Antenna connector:	SMA
Output Power:	1.3 W @ 50 Ω
Transponders:	ISO 15693, ISO 18000-3, ISO 18000-3 Mode3 VarioSens: ISO 15693 + Custom Commands ICode SLI(-S/-L): ISO 15693 + Custom Commands EM 4034, 4035, 4135: ISO 15693 + Custom Commands Infineon My-D: ISO 15693 + Custom Commands Tag-it, Tag-it HF-I: ISO 15693 + Custom Commands
Max. Transponder in Field	50
Interface:	RS232 / USB 2.0 / Ethernet
Housing:	Aluminium / IP20
Weight:	550 g
Operating temperature:	-10 °C to 50 °C

### Order Information:

SIR-2550 (OEM without package)                      Order-No.: 220.2552

Power supply    Order-No.: 999.1280

**Comparison SIR-2010 / SIR-2720 / SIR-2550 series reader**

	SIR-2010	SIR-2720	SIR-2550
Power Supply	USB or 6V DC	12V DC	12V -24V DC
Supported Tag Types	ISO 15693 ICode1	ISO 15693 ICode1	ISO 15693 ICode1 ISO18003Mode3
Reading speed ISO15693 (1 Tag in field)	3 Tags/sec	10 Tags/sec	11 Tags/sec
Reading speed ISO15693 (10 Tags in field)	10 Tags/sec	50 Tags/sec	52 Tags/sec
Reading speed ISO18003Mode3 (1 Tag in field)	---	---	18 Tags/sec
Reading speed ISO18003Mode3 (10 Tags in field)	---	---	69 Tags/sec
Reading speed ISO18003Mode3 (50 Tags in field)		---	99 Tags/sec
Reading range ISO15693 Card (86x55 mm) @SAT-A25/30MR-P-13MHz	33 cm	51 cm	51 cm
Reading range 16 mm Laundry Tag @SAT-A25/30MR-P-13MHz	11 cm	18 cm	22 cm
Reading range 7 mm Laundry Tag @SAT-A25/30MR-P-13MHz	0 cm	2 cm	8 cm
Reading range ISO 15693 Card (86x55 mm) @SAT-A40-LR-OF-13MHz	55 cm	65 cm	75 cm
Reading range 16 mm Laundry Tag @SAT-A40-LR-OF-13MHz	20 cm	25 cm	30 cm
Reading range 7 mm Laundry Tag @SAT-A40-LR-OF-13MHz	0 cm	1 cm	9 cm