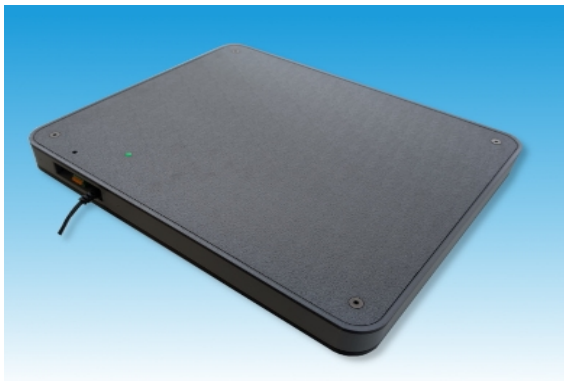


13.56 + 868 MHz Midrange Reader / Writer Desktop Reader SIM-2500-R2



- compact 13.56 + 868 MHz RFID midrange reader/writer for desktop applications
- suitable for on-metal applications
- reading distance up to 33 cm (HF ISO-card size)
- no tag detection outside of the antenna area
- integrated antenna
- CE
- Recessed sockets to protect the plugs



Technical Data:

Dimensions: (l x w x h)	(310 x 260 x 28) mm
Power supply:	External 12 V/1 A DC (12 V-24 V)
Current consumption:	Max. 850 mA @12 V
Transmit frequency:	13.56 MHz + 868 MHz
Antennas:	integrated
Output Power:	HF: 1 W @ 50 Ω UHF: 20 dBm @ 50 Ω
Transponders:	ISO 15693, ISO 18000-3, ISO 18000-3 Mode3 ICODE SLI(-S/-L): ISO 15693 + Custom Commands EM 4034, 4035, 4135: ISO 15693 + Custom Commands Infineon My-D: ISO 15693 + Custom Commands ISO 18000-6C, EPC Gen2
Max. Transponder in Field	20
Interface:	RS232, Ethernet, USB 2.0
Status LED:	Power / Tag Detect / Connection
Housing:	Plastic material with metal baseplate / IP20
Weight:	1.2 kg
Operating temperature:	0 °C to 50 °C

Order Information:

SIM-2500-R2 (OEM without package)	Order-No.:	220.2516
SIM-2500-R2 Protection Cap	Order-No.:	999.1134
Power supply	Order-No.:	999.1280

Performance overview

	UHF	HF
Power Supply		12 V -24 V DC
Supported Tag Types		ISO15693 ICODE1 ISO18003Mode3
Reading Speed ISO15693 (1 Tag in field)		11 Tags/sec
Reading Speed ISO15693 (10 Tags in field)		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 (86 mm x 55 m)		330 mm
Reading range 16 mm Laundry Tag		130 mm
Reading range 7 mm Laundry Tag		40 mm