

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



- 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

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: | t. b. d. @12 V |
| Transmit frequency: | 13.56 MHz + 868 MHz |
| Antenna: | integrated |
| Output Power: | 1 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 ISO 18000-6C, EPC Gen2 |
| Max. Transponder in Field | 20 |
| Interface: | RS232, Ethernet, USB 2.0 |
| Status LED: | Power / Tag Detect / Connection |
| Housing: | PVC material with metal baseplate / IP20 |
| Weight: | 1.6 kg |
| Operating temperature: | 0 °C to 50 °C |

Order Information:

| | |
|--------------------------------|---------------------|
| SIM-2500 (OEM without package) | Order-No.: 220.2512 |
| 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 |