

## 13.56 MHz Long Range Reader / Writer SIL-2225 Series



- 13.56 MHz RFID industrial reader/writer
- 7.5W output power
- optional internal multiplexer
- anti collision / multi tag
- EAS function (electronic article surveillance)
- Smart Tune feature (antenna deactivation)
- reading speed < 9 sec. for 800 Tags
- CE

### Technical Data:

Dimensions: (l x w x h)	(220 x 210 x 68) mm	
Power supply:	24 V DC	
Current consumption:	max. 2.0 A @ 24 V	
Transmit frequency:	13.56 MHz	
Antenna Connector:	SIL-2225-SO	1 x SMA-connector
	SIL-2225-MUX8	8 x SMA-connectors
	SIL-2225-MUX8-ST	8 x RP-SMA-connectors
Output Power:	SIL-2225-SO	1 x 7,5 W @ 50 Ω
	SIL-2225-MUX8	8 x 7,5 W MUX @ 50 Ω
	SIL-2225-MUX8-ST	8 x 7,5 W MUX @ 50 Ω
Transponders:	ISO 15693, ISO 18000-3, ISO 18000-3 Mode3 ICode 1, ICode EPC, ICode UID SCEMTEC Sensor Tag, IDS cool-Log™ 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 HF-I: ISO 15693 + Custom Commands	
Interface:	RS232 USB 2.0 Ethernet	
Housing:	Alu / IP20	
Weight:	2.0 kg	
Operating temperature:	0 °C to +40C (50 °C <sup>1</sup> )	

1 Extended temperature range is only applicable, if the Reader is mounted in an “access restricted area” as defined in the European standard EN60950 with respect to the provision given therein. Please contact STT for further information.  
 Specifications are subject to change without notice

Storage Temperature:	-20 °C to +70 °C
Special feature Smart Tune SIL-2225-MUX8-ST	With the SIL-2225-MUX8-ST and it's associated antennas it is possible to switch off the antennas completely. So this antennas can be placed next to each other without interfering with each other or relaying the transponder signal.

### Order Information:

SIL-2225-SO	Order-No.: 220.2220
SIL-2225-MUX8	Order-No.: 220.2225
SIL-2225-MUX8-ST	Order-No.: 220.2226
Power Supply 24V65W	Order-No.: 999.0165

### Comparison/Difference SIL-2125 / SIL-2225

	SIL-2125	SIL-2225
Approvals	CE, FCC	CE
Transponders		
Icode EPC , Icode UID	√	-
VarioSens	√	-
Tag-it	√	-
Output Power:	1 x 7.5W or 2 x 5W	1x 7.5W
Power Steps:	7.5W, 5.0W, 2.5W	7.5W, 5.0W, 2.5W
Binary Inputs (optocoupler)	2	2
Binary Outputs (potential-free)	2	2
RTC	√	√
2 <sup>nd</sup> UART	Standard	Option
SMART Read Configuration independent from Firmware version	-	√
Read Speed 800 Transponders (ISO 18000-3 Mode3)	61 Tags/s	89 Tags/s