

HF Long Range Reader SHL-2300



- 13.56 MHz RFID reader/writer for long range applications
- reading distance up to 120 cm (ISO-card size)
- anti-collision
- EAS Function (electronic article surveillance)
- optional antenna multiplexer for multiplexing of up to 4 antennas
- CE

Technical Data:

Dimensions: (l x w x h)	(420 x 200 x 120) mm
Power supply:	100 V - 240 V AC / 30 VA
Power consumption:	typ. 20W
Transmit frequency:	13.56 MHz
Antenna:	BNC-Connector
Output Power:	4.5W @ 50 Ohm
Transponders:	ISO 15693, ISO 18000-3, ISO 18000-3 Mode3 ICode 1, ICode EPC , ICode UID, ICode ILT 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 HF-I: ISO 15693 + Custom Commands
Interface:	RS232 USB 2.0 Ethernet
Housing:	Metal / IP65
Operating temperature:	-10 to +60°C

Order Information:

SHL-2300	Order-No.: 230.2300
SHL-2300-MUX4	Order-No.: 230.2304

Options:

Option Hardware FIFO Memory	Order-No.: 230.2240
Option RTC	Order-No.: 230.2221
Option High-Power-Relais-SHL-2300	Order-No.: 230.2320

Comparision SHL-2100 / SHL-2300

	SHL-2100	SHL-2300
Housing	IP65	
Dimensions: (l x w x h)	(420 x 200 x 120) mm	
Operating temperature	0 to 50°C	-10 to 60°C
Power consumption: continuous carrier	typ. 39W	typ. 17W
RTC	Standard	Option
Inputs	2 [typ. 24V/23mA]	2 [9V to 30V]
Outputs	--	2 [AC/DC max. 1A/500mW/30V]
Mechanical Relais	1 [max. 1A/30W]	--
Digital Output (Open Collector)	8 [DC max. 100mA/300mW/45V]	--
		In/Outputs are compatible to SIL-2125
Max. output power	typ. 4,2W @ 50 Ohm	typ. 4,5W @ 50 Ohm
Typical Read Range		comparable to SHL-2100