

13.56MHz / 868MHz  
 Long Range Multi Reader / Writer System  
**SIM-2300-H**



- Long Range System optimal for hanging items
- HF and UHF compatible
- can easily be implemented into existing processes

**Technical Data:**

**Long Range Reader SIM-2300-H**

Dimensions Reader: (l x w x h )	(420 x 200 x 120) mm
Housing Reader:	Metal / IP65
Power supply:	100 V - 240 V AC / 30 VA
Weight:	6 kg
Standards:	HF ISO 15693, ISO 18000-3, ISO 18000-3 Mode3, Icode1 UHF: ISO 18000-6C, EPC Gen2
Output Power:	HF 4.5W typ. / UHF 320mW max.
Interface:	USB 2.0, Ethernet, RS232

**Long Range Antenna SAT-AK-114/22-LR-P-HF-UHF**

Dimensions Antenna: (l x w x h )	(1140 x 220 x 60) mm
Housing Antenna:	PVC Foam white
Weight:	8,5 kg
Shielding	Shielding on backside
Mounting:	2 x VESA 100/100 mounting holes (Mount Adapter not included) or through-hole assembly
LED	Power / Tag Detect

Antenna Cable: length 3m

**General Data**

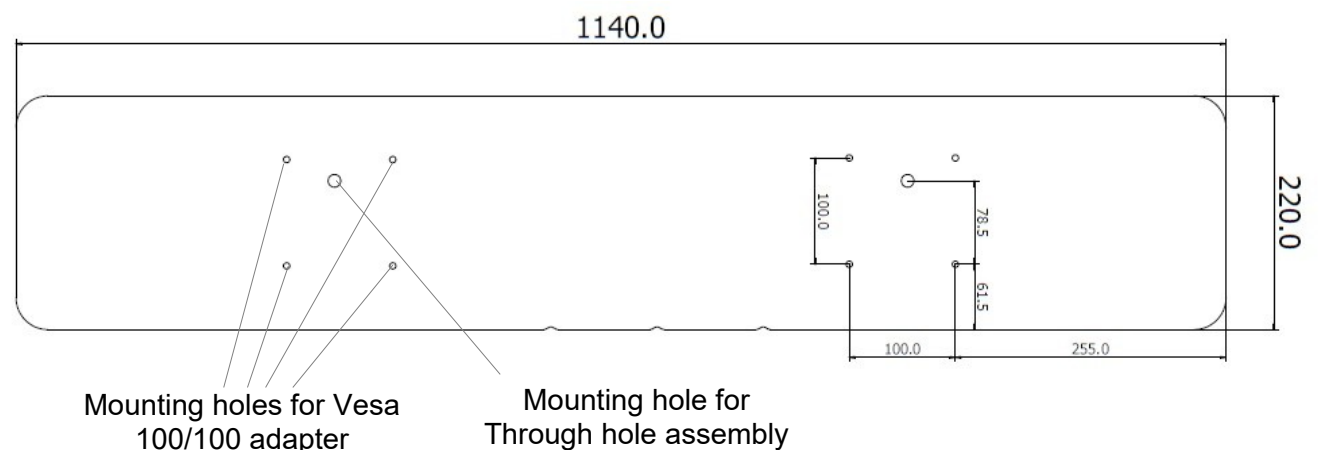
Operating temperature: 0 °C to +50°C  
 Storage Temperature: -10 °C to +60 °C

**Typ. Reading Range** (average over entire reading area)

15mm LaundryTag Icode Slix (@4,5Watt HF) 18 cm  
 UHF LaundryTag ( 0° / 90° ) (@50mW UHF) 60 cm / 90 cm  
 No reading on backside of the antenna.

**Mounting Instructions**

can be mounted via VESA or via through-hole assembly (mounting holes prepared on backside)



**Order Information**

SIM-2300-H Long Range System optimal for hanging items Order-No.: 220.2342S