



The RFID X-IS is a handheld reader for easily and efficiently reading RFID/NFC tags via direct application or in difficult-to-reach places. The tag information can be read directly on the OLED display, transferred via Bluetooth or read from the internal memory via USB.

Explosion protection

Marking ATEX	Zone 1/21 II 2G Ex ib IIC T4 Gb II 2D Ex ib IIIC T135°C Db IP 6X
Certification	EPS 16 ATEX 1119
Marking IECEx	Zone 1/21 Ex ib IIC T4 Gb Ex ib IIIC T135°C Db IP 6X
Certification	IECEx EPS 16.0052X

RFID standards supported

Frequency range	Reading distance	RFID/NFC Tag
LF 125 kHz	up to 30 mm	ISO: De-Facto Standard (EM4200, Hitag S 2048)
LF 134 kHz	up to 30 mm	ISO: 11784, 11785 (TI HDX, FSK 64 bit Read Only Single Page IC, EM4305 FDX-B)
HF 13.56 MHz	up to 20 mm	ISO: 15693, 18000-3 (NXP I-Code SLIX, Infineon my-d vicinity SRF55V10P)
HF 13.56 MHz	up to 10 mm	ISO: 14443, 18000-3 (NXP MIFARE Classic 1K or 4K, NXP NTAG213, NXP NTAG216)
UHF 860 MHz to 960 MHz	up to 150 mm	ISO: 18000-6 (Alien Higgs 3 conforming to the EPC Class1 Gen 2 standard)

The precise reading range depends on the RFID tag, mounting surface, ambient conditions, etc.

Technical data

Dimensions (L x H x W)	190 mm x 30 mm x 35 mm
Weight	130 g
Bluetooth®	4.0 LE
Memory	1000 readings (UID + date + time)
Battery	Ni-MH 1000 mAh
Display	OLED, 4 rows
Protection class	IP 64
Operating temperature	-20 °C to +60 °C
Scope of delivery	RFID X-IS, USB cable, quick start guide and safety information

Ordering information

RFID X-IS with Bluetooth LF Reader	17-A1R4-1100/0000
RFID X-IS with Bluetooth LF/HF Reader	17-A1R4-1400/0000
RFID X-IS with Bluetooth LF/HF/UHF Reader	17-A1R4-1700/0000

Technical data subject to change without notice.