



The RFID X-NI 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 2/22 II 3G Ex ic IIC T4 Gc IP 54 II 3D Ex ic IIIB T135°C Dc IP 54
Certification	EPS 16 ATEX 1067 X
Marking IECEx	Zone 2/22 Ex ic IIC T4 Gc IP 54 Ex ic IIIB T135°C Dc IP 54
Certification	IECEX EPS 16.0026X

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-NI, USB cable, quick start guide and safety information

Ordering information

RFID X-NI with Bluetooth LF/HF/UHF Reader	B7-A2R4-1700/0000
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Technical data subject to change without notice.