

BLUETOOTH UHF RFID READER

Portable UHF reading solution with Bluetooth connectivity

R-PO-UHF-BT



Product info

- An easy, light and cost-effective way to scan hundreds of UHF tagged items
- User friendly app to set-up the reader parameters and to observe in real time the tag inventory list directly on your smartphone screen.
- Data can be stored in several locations: on your mobile device, on your PC or directly in the reader's micro SD card (not included).
- Ergonomic shape and the long-lasting Li-Po rechargeable battery ensures a continuous reading operation without interruptions.

Product Description

R-PO-UHF-BT by Datamars represents an innovative portable UHF reading solution, extremely light (only 380g) and easy-to-mount pistol-shape device. Whatever you need is to connect it via Bluetooth with a common Android/iOS smartphone (not included) or a local PC, this device can help you.

Just plug in your Android or iOS smartphone, click the pistol grip and that's it! Data are automatically transmitted to your mobile device through Bluetooth interface even if your smartphone is several meters away.

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Technical data

Dimensions (L x W x H)	160 x 77 cm x 169 mm (Trigger handle) 160 x 77 cm x 169 mm (Slimline grip)
Weight	380 g (including battery and trigger handle)
Material	Black Lexan EXL9330 PC and Yellow Lexan 943A PC
Charging temperature	5°C to 40°C
Operating temperature	20°C to 60°C
Storing temperature	-40°C to 70°C
Humidity	5% to 95% non-condensing
Env. sealing	IP54
Power	4.2 Li-Po rechargeable battery, 2200 mAh, 8.4 watt hrs
Memory	up to 2 GB with micro SD (not included)
Bluetooth	2.1
Bluetooth compatible hosts	Android, iOS, Windows CE, Windows Mobile 5/6.1/6.5 or Windows XP/Vista/7/8
USB compatible hosts	Any USB host with FTDI VCP driver support (Windows, Linux, Mac, Android)
Other interface	MicroUSB connector for battery charging, and USB connectivity
RFID standard	ECP Class 1 Gen 2
Nominal read range	up to 4 m
Nominal write range	up to 1.22 m
Antenna	Detachable, circularly polarized
Frequency range	ETSI: 865-868MHz FCC: 902-928MHz
Output power	10 mW to 800 mW
Accessories (not included)	4 Slot battery charger Adapter mounts for a variety of smartphones, handheld, terminals and touchscreen MP3 players (iPod) 2D imager (R-PO-UHF-BT-IMG)
Regulatory	CE, FCC, IC

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EMI/RFI	USA: FCC Part 15 / Canada: ICES 003 Class B / EU: EN 301 489-3, EN 301 489-1/ EN 301 489-17, EN 02-208, EN 55022 Class B, EN55024
Electrical safety	UL60950-1, CSA C22.2 No. 60950-1, IEC 60950-1, EN 60950-1
Laser safety	(R-PO-UHF-BT-IMG): IEC Class2/FDA Class II in accordance with IEC60825 -1/EN60825-1, 21CFR1040.10
Warranty	1 year

Ordering information

R-PO-UHF-BT (ETSI/FCC)	ETSI: 800 3074-060 FCC: 800 3074-064
R-PO-UHF-BT-IMG (ETSI/FCC) with embedded 2D camera	ETSI: 800 3074-061 FCC: 800 3074-063