



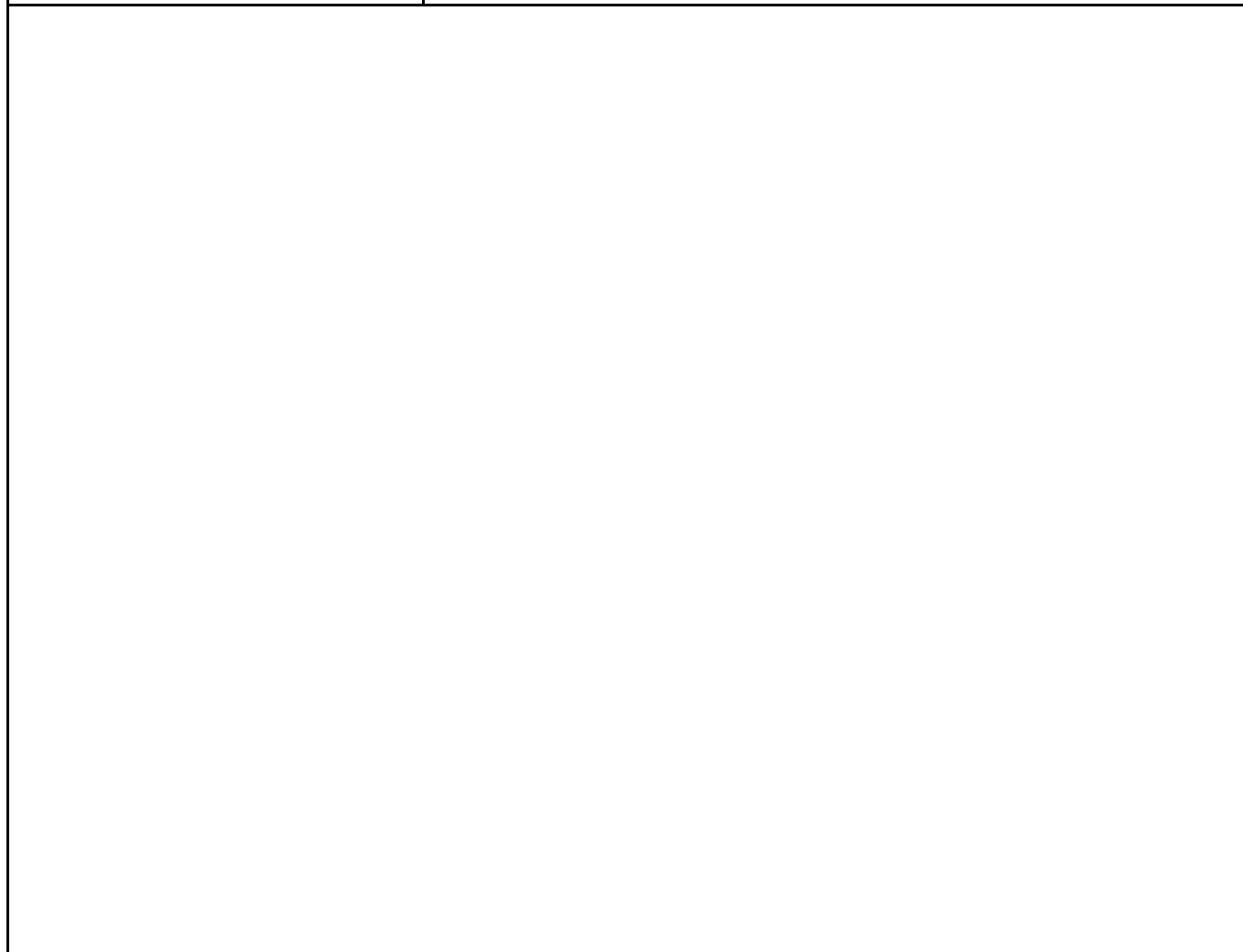
RFO HR200BT UHF Hand Reader

DATA SHEET

Product Description		RFO-HR200BT
RFO-HR200BT is designed to read and write to EPC Class 1 Gen 2 (ISO18000-6C) UHF transponders and communicate with a variety of host devices via Bluetooth® wireless technology. With this reader you can work for more than 3 days straight without the need to charge it. All this is possible thanks to a unique UHF RFID mURM module. The RFO-HR200BT is great solution for short range applications. The reader is compatible with Windows XP/7,8,10, Android, iPhone and iPad.		
Characteristics		
Operating Frequency	865 ÷ 868 MHz (ETSI EN 302 208 v. 1.4.1.)	
Air Interface	EPCglobal UHF Class 1 Gen 2	
No. of channels	4 (compliant to ETSI EN 302 208 v. 1.4.1.)	
Supported Region	ETSI (Europe) - ETSI EN 302 208	
RF Power Output	max. 9 dBm	
Antenna type / Gain	Internal circularl polarized antenna / 0 dBiC	
Tag communication rate	40 kbps	
Data Encoding Interrogator -> Tag	PIE, 40kHz	
Data Encoding Tag -> Interrogator	FM0, 40kHz	
Read range	Up to 30 cm, depending on tag and environment	
Tag read rate	Up to 50 tags/second	
USB interface	USB 2.0 connectivity (It appears as USB serial port) USB Micro-B connector	
Bluetooth Interface	V4.0 – Dual-Mode (Classic Bluetooth and BLE) Frequency: 2.402 - 2.480 GHz Transmit Power: + 8 dBm (maximum) Classic BT profile – SPP GATT Client & Peripheral Modes	
User Interface	Power LED (red/orange/green) / Status LED (blue/amber) / Push button	
Power supply	5VDC (Powered by USB interface) Max. 200mA	
Operating Temperatur	-20°C to +55°C	
Power Supply	Built-in 3.7V, 2000 mAh Li-Pol Battery	



Battery charging options	Enumerated USB port – max. 500 mA AC/DC USB Charger – max. 1000 mA Charging station – max. 1000mA
Battery lifetime	>10 hours (continuous reading)
Dimensions (LxWxH)	180 x 86 x 45 mm
Weight	270g



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Typical Applications

POS	Library	Pharma industry	Health care
Industry and laboratory		Automotive	
bio/chemistry/forensic/pharmacy/enviro Pcess control, QS & monitoring			



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