



arfiMove-COMBI-UHF-BC
Bluetooth®
Long Range Mobile
860-960 MHz UHF RFID
1D or 2D Barcode
Reader
ISO18000-6B /-6C

Product:	Mobile FLY-SWATTER STYLE UHF RFID Reader Writer with integrated UHF PCB antenna and Bluetooth™ interface to connect with Android™, IOS™, macOS™, Linux or Microsoft Windows™ operating system based smartphone or tablet. Optional the UHF RFID reader is available with 1D Barcode or 2D/QR-code reader.	
RFID TAGs supported:	NXP UCODE series, ALIEN-Higgs, Impinj-Monza other ISO18000-6 UHF TAGs	
Read Range:	Read up to 6 m, Write up to 2m (in free air) (Depends on RFID TAG type and shape)	Working time: 4 h (after full charge) ca. 6000 readings, 30 h standby mode
Frequency*:	860...960 MHz (adjustable to country and region)	* = At room temperature 20°C
ISO / Standards:	ISO18000-6C (EPC Class 1 Gen 2)	ISO18000-6B
Material / IP Rate/ Humidity:	ABS + Silica gel	IP65 / 5%...95%, non-condensing
Dimensions / Weight:	(270 x 124 x 35) mm	ca. 240 g ... 280 g (related to version)
Interfaces:	USB 2.0	Bluetooth 4.0
Power Supply:	Input: AC100~240V, 50~60HZ, 0.35A Output: Micro-USB 2.0 DC 5V, 2A	18650 standard lithium battery 3.7 VDC (3100 mAh)
Memory Capacity:	128 MByte (NAND Flash)	21845 data caches (SRAM)
Display / Signaling / Sound:	33 mm OLED Display, LED indicator (power on, BT connection, working status)	Buzzer, Vibration
Temperature:	Operating: -20°C ... + 70°C	Storage: -25°C ... + 75°C
Certification:	CE	RoHS ✓
Part Description:	arfiMove-Combi-UHF-BC	Part-No. 123456950

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RFID module:	Based on Impinj Indy R2000 chip	
CPU:	MCU SMT32F103	
FM mode:	Wide spectrum FM (FHSS) or fixed frequency set by software	
Read Range:	Read up to 6 m, Write up to 2m (in free air) (Depends on RFID TAG type and shape)	Working time: 3 h (after full charge) ca. 6000 readings, 30 h standby mode
RF output / Antenna:	20~33dBm adjustable	Integrated High gain PCB antenna
1D Barcode Scanner:	Zebra SE965 / Honeywell N4313	Code 39, Code 93, Code128, Codebar, EAN-13, EAN-8, UPC-A, UPC-E, ITF-14, UCC/EAN-128, Matrix 25, EAN-128, ISBN etc.
Optional 2D Imager instead of 1D Barcode Scanner:	Zebra: SE4710 / SE4750 / SE4750MR, Honeywell: N6603	PDF417, Micro PDF417, Composite, RSS, TLC-39, Datamatrix, QR Code, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Plane, UK Postal, Australian Postal, Japan Postal, Dutch Postal
Optional :	Desktop charger	

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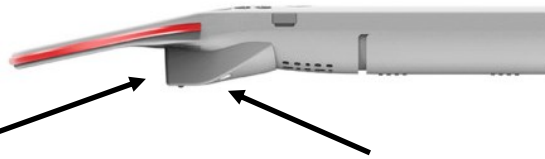
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This combined UHF RFID and 1D Barcode reader is used by system integrators/companies to read and write UHF RFID tags, and to send the data in real time to a smartphone, tablet, PDA by using Bluetooth™ wireless technology.

Application Demo Software, APIs and SDKs are available for Android™ and iOS™ based devices.

Applications:

- ◆ Industrial ID
- ◆ Inventory (Asset Management)
- Logistics
- ◆ Maintenance, Service, Inspection
- ◆ Waste Management



Options:

The device is also available without 1D Barcode reader or alternatively with 2D-code (QR) reader.



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