RADIOFORCE

RFO ID 150
BT UHF Reader
(Tabelt, PC, Smart Phone,

Android   Made for ☐iPhone ☐iPad

Product Description	RFO ID 150

The RFO ID150 is a data collector compliant with UHF RFID ISO 18000-6C/EPC C1G2 standards.
The RFO ID150 has an integrated antenna suited for short to medium range applications and, thanks to the Bluetooth® communication interface, it is a perfect UHF RFID add-on for any Bluetooth® enabled host such as a PC, a smart phone, a PDA or a tablet. The reader is compatible with Windows XP/7, Windows CE/Mobile, Android, iPhone and iPad.

The HID version supports native keyboard emulation allowing to interact directly with legacy application, office automation SW or any other generic solution requiring manual input.
The reader can also operate in "Batch Mode", allowing to store EPC codes into the internal memory when the communication links (USB or Bluetooth®) are not available.

When paired to a smartphone or a tablet, the RFO ID150 is a cost effective alternative to more expensive handheld devices.
Designed for mobile operators in indoor or outdoor areas, the AGX Speedy150 is ideal for in-store inventory management, field sales mobility, service and maintenance applications.

Technical Specifications

Frequency	865.6 ÷ 867.6 MHz (ETSI EN 302 208) 902 ÷ 928 MHz (FCC part 15)
RF Power	Programmable in 18 levels from 5dBm e.r.p. (3mW e.r.p.) to 22dBm e.r.p. (150mW e.r.p.) Antenna Integrated linear
Antenna	Integrated linear (horizontal)
Number of Channels	4 channels (compliant to ETSI EN 302 208 v. 1.4.1.), 50 hopping channels (compliant to FCC part 15.247)
Read Range	up to 90cm (typical) depending on tags and environment
Connectivity	USB Interface: USB 2.0 Full Speed (12 Mbit/s) device port Bluetooth Interface: Class 2 with output power 4dBm e.i.r.p. Virtual COM port parameters: - Baudrate: up to 230.400kbps - Databits: 8 - Stopbits: 1 - Parity: none - Flow control: none HID profile available Apple compatibility available
Standard compliance	EPC C1 G2/ISO 18000-6C
User Interface	Button #1:ON/OFF Button #2: Trigger Led #1: power indication and battery status (green: high; red: low) Led #2: communication activity (blue: Bluetooth; orange: USB) Buzzer: bitonal for events signalling Vibration: for events signalling Display: LCD Alphanumeric (8 chars x 2 lines)
Internal Buffer Size	48kByte (equivalent to 4096 EPC codes@96bit) (TBC)
Battery Type	Li-Ion 3.7V, 570mAh
Battery Life	Operating: > 12h with 40'000 tag readings; Standby: > 15 days
Battery Charging Time	2h (typical)
IP Rating	IP 32
Dimensions	(W)99 x (L)54 x (H)20 mm3 max. (3.9 x 2.1 x 0.8 inch3)
Operating Temperature	-10 °C to +55 °C
Weight	57gr
Article no:	RFO ID 150

Typical Applications

harsh environment applications	Healthcare
automotive industry and laboratory	identification and back tracing
bio/chemistry/forensic/pharmacy/environment	beverages logistics