RADIOFORCE

**RFO DT120USB
UHF Desktop
Reader**

Product Description	RFO-DT120USB

RFO-DT120USB is a UHF RFID desktop reader that allows the easiest way of integration of RFID technology into everyday use. The reader is powered and controlled directly by an USB interface, thus allowing reading EPC Class 1 Gen2 UHF RFID tags.

RFO-DT120USB has an integrated antenna for short- to medium- range applications. Thanks to its ergonomic shape and variable mounting the reader is a perfect choice for various applications. This reader is ideal for USB desktop applications, in which high performance and advanced functionality is desired.

Characteristics

Operating Frequency	865 - 868Mhz
Air Interface	EPCglobal UHF Class 1 Gen 2
No. of channels	4 channels
Supported Region	ETSI (Europe) - ETSI EN 302 208
RF Power Output	max. 14dBm ERP
Antenna type	Internal circularly polarized antenna 0 dBic
Tag communication rate	40 kbps
Read range	Up to 50 cm
Tag read rate	Up to 50 tags/second
Data/Control interface	USB 2.0 connectivity (It appears as USB serial port) USB mini-B connector
USB cable length	1.8 m
I/O	Two software controlled LEDs and one software controlled push button
Power supply	5VDC (Powered by USB interface) Max. 200mA
Operating Temperatur	-20°C to +55°C
Dimensions (LxWxH)	110 x 110 x 38 mm
Weight	240g

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Typical Applications

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