HUR 120 BT

UHF RFID BLUETOOTH READER
Technical Specification

Ver. 0.2
09/2016

Frequency Band:	865 ÷ 868 MHz (ETSI EN 302 208 v. 1.4.1.)
Number Of Channels:	4 (compliant to ETSI EN 302 208 v. 1.4.1.)
RF Power Output – e.r.p.:	max. 9 dBm
Modulation:	DSB-ASK
Antenna Gain:	0 dBic
Antenna Polarization:	Integrated circular polarized antenna
Air Interface Protocol:	EPCglobal UHF Class 1 Gen 2 Version 2.0.0 Supports tag vendor specific custom commands Supports NXP UCODE DNA
Tag Communication Rate:	40 kbps
Data Encoding Interrogator -> Tag:	PIE, 40kHz
Data Encoding Tag -> Interrogator:	FM0, 40kHz
Tag Read Rate:	Up to 50 tags/second
Tag Read Range:	Up to 30 cm, depending on tag and environment (Tested with an ALN-9662 tag)
USB Interface:	USB 2.0 Full Speed 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
Operating Temperature:	-20 °C do +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:	180mm L x 86mm W x 45mm H
Weight:	270 g