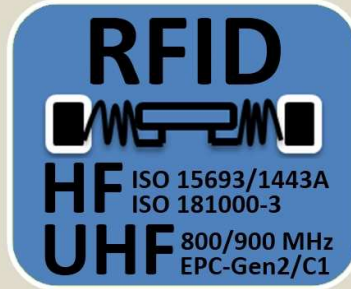


## BARCODE & RFID Reader

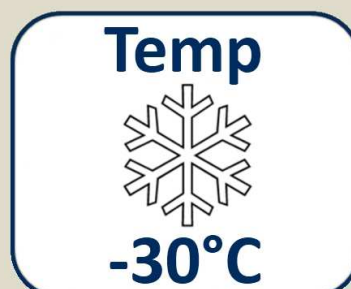


**HF** ISO 15693/1443A  
ISO 181000-3

**UHF** 800/900 MHz  
EPC-Gen2/C1



**SPP-HID**



**-30°C**



## BUDGIE Hybrid laser/Imager & RFID scanner - Technical Specifications

### Mechanical & Electrical characteristics

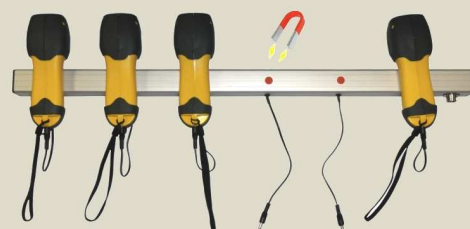
<b>Construction</b>	Polycarbonate plastic shell with thermoplastic polyurethane over-mold & Magnetic holding for accessories
<b>Tripping</b>	Capacitive & movements (accelerometer 3 axes)
<b>Indicators</b>	3 LEDs on each side (Bluetooth, barcode reading, battery charge), bipper, vibrator 46 continuous hours - 33 400 scans (1 scan every 5", Motorola laser scan engine Lorax SE1524, without RFID) 62 continuous hours - 44 800 scans (1 scan every 5", Opticon Long Range scan engine MDL3200, without RFID)
<b>Expected Hours of Operation</b>	66 continuous hours - 47 900 scans (1 scan every 5", Opticon Short Range scan engine MDL2001, without RFID) 15 continuous hours - 10 700 scans (1 scan every 5", Opticon Imager scan engine MSI1000, without RFID)
<b>Expected Time Charge</b>	80% of charge in 1h - Full charged in 2 h
<b>Dimensions</b>	length : 18,5 cm / width : 6,5 cm / maximum thickness : 5,0 cm
<b>Weight</b>	8.8 Oz/250g (10.2 Oz/290g using Lorax scan engine)
<b>Settings using barcodes</b>	16ko batch mode, vibrator, sounds, Bluetooth, accelerometer, date/hour, prefix, suffix, RFID (option)

### Decoding capabilities

<b>Data capture options</b>	EXR: Extra Long Range(Lorax), LR: Long Range, SR: Short Range, Imager 1D/2D option: RFID 13,56MHz
<b>1D Codes</b>	Interleaved 2 of 5, Codabar, Code 11, C39, C93, C128, EAN128, UPC/EAN, EAN 8 & 13 etc ...
<b>2D Codes</b>	PDF 417, Datamatrix, Micro PDF, MaxiCode, QR Code etc ...
<b>RFID protocols</b>	ISO 15693, ISO 14443A, ISO 181000-3

### Environmental

<b>Operating Temperatures</b>	-22°F/-30°C to 140°F/+60°C (SE1524), -4°F/-20°C to 140°F/+ 60°C (MDL2001), -4°F/-20°C to 131°F/+ 55°C (MDI1000 & MDL3200)
<b>Storage Temperatures</b>	-40°F/-40°C to 140°F/+60°C (SE1524), -22°F/-30°C to 140°F/+ 60°C (MDL2001), -13°F/-25°C to 140°F (MDI1000), -22°F/-30°C to 140°F (MDL3200)
<b>Humidity</b>	From 5% to 95%, non-condensing - Positive charging temperature
<b>Environmental Sealing</b>	IP65
<b>Tumble</b>	Withstands 10 x 6 ft. (1,8 m) drops onto concrete / IK8
<b>Wireless Data Communications</b>	
<b>PAN (Bluetooth)</b>	Bluetooth® version 1.2 - Class 1 (100m), SPP profile
<b>RFID</b>	RFID 13,56MHz +/- 7 kHz
<b>Warranty</b>	
<b>Standard Warranty</b>	3 years parts and labor in our Technical Center located in France



### Available references

<b>SP-BUDGIE-0001</b>	Budgie 1D Extra Long Range laser (Lorax Scan engine) / Bluetooth
<b>SP-BUDGIE-0005</b>	Budgie 1D Extra Long Range laser (Lorax Scan engine) & RFID HF 13.56 MHz / Bluetooth
<b>SP-BUDGIE-0009</b>	Budgie 1D Extra Long Range laser (Lorax Scan engine) & RFID UHF 800/900 MHz / Bluetooth <b>(Q4-2012)</b>
<b>SP-BUDGIE-0011</b>	Budgie 1D/2D Imager / Bluetooth
<b>SP-BUDGIE-0015</b>	Budgie 1D/2D Imager & RFID HF 13.56 MHz / Bluetooth
<b>SP-BUDGIE-0019</b>	Budgie 1D/2D Imager & RFID UHF 800/900 MHz / Bluetooth <b>(Q4-2012)</b>
<b>SP-BUDGIE-0031</b>	Budgie 1D Short Range laser / Bluetooth
<b>SP-BUDGIE-0035</b>	Budgie 1D Short Range laser & RFID HF 13.56 MHz / Bluetooth
<b>SP-BUDGIE-0039</b>	Budgie 1D Short Range laser & RFID UHF 800/900 MHz / Bluetooth <b>(Q4-2012)</b>
<b>SP-BUDGIE-0041</b>	Budgie 1D Long Range laser / Bluetooth
<b>SP-BUDGIE-0045</b>	Budgie 1D Long Range laser & RFID HF 13.56 MH / Bluetooth
<b>SP-BUDGIE-0049</b>	Budgie 1D Long Range laser & RFID UHF 800/900 MHz / Bluetooth <b>(Q4-2012)</b>
<b>SP-BUDGIE-0055</b>	Budgie RFID HF 13.56 MHz only / Bluetooth
<b>SP-BUDGIE-0059</b>	Budgie RFID UHF 800/900 MHz only / Bluetooth <b>(Q4-2012)</b>



→ All Budgie readers come with power supply and a handstrap

→ Additional information, configuration, repair center and recycling available at: [www.budgie-scan.com](http://www.budgie-scan.com)

Please visit us and get more details at: [www.budgie-scan.com](http://www.budgie-scan.com)

