

Designation:	Dongle Carry Wave for Tag Sensata
Rref.:	BLE-CW0106
Description:	<p>Device has been designed specifically for industrial application to interact with Sensata's BLE tags.</p> <p>Receives commands by serial port and returns OK or ERROR responses in the end of processing by each of command</p> <p>Check the manual on configuration commands for to set the device ID and power RF signal</p>
Power Supply:	<p>24VDC, with galvanic isolation</p> <p>Range: 21.6Vdc - 26.4Vdc</p> <p>Vmax (1s) : 30Vdc</p>
Current consumption	< 30mA (@24Vdc)
24Vdc Protection	<p>Voltage spikes and galvanic protect of 1,5kV (in-ou 1min @ 1mA)</p> <p>Inverted polarity protection</p>
Supervisory:	No Watchdog
BLE Scan Manufacturer ID (fixed):	0106 (Sensata Code)
Communication interface:	<p>Serial Port, with galvanic isolation</p> <p>Protocole – RS232</p> <p>Cable (5 meters) with 4 wires</p> <p>Red - Power Supply</p> <p>Black - Ground</p> <p>Green – Rx Received Data</p> <p>White – Tx Transmitted Data</p>
BaudRate (fixed):	115200 bps,8 Data bits, None parity, 1 Stop bit
RS232 Protection	<p>ESD +/- 15kV (on air discharge)</p> <p>Galvanic protect (in-ou 3KV rms)</p>
Connectivity RF:	<p>Bluetooth Low Energy V5.0</p> <p>Chipset: nrf52840 with internal antenna</p> <p>Gain -40dBm to +8dBm</p>
HMI interface by leds:	<p>Red – power supply</p> <p>Green (blinking) - in mode run</p> <p>Blue- in RF comunication</p>
Box:	<p>Color – Black Transparent</p> <p>Dimensions - 65x30x15 (mm)</p> <p>Material – PVC</p>

