BLE-485 ⑧)))
Bluetooth Adaptor

Anuraco

Turn monitoring sites into hands-free Bluetooth beacons

The BLE-485 is a Bluetooth to RS485 adaptor that allows users to take advantage of Bluetooth smart technology in your every day devices (cellphones, laptops, tablets).

BLE stands for Bluetooth Low Energy. This standard allows a wireless connections via bluetooth with very low power from you mobile device. Our adaptor uses a single lithium battery, and can run up to five years.

Anuraco includes support software that makes the BLE-485 Adaptor easy to use for serial communication, and links to already existing software that supports COM ports.

Integrating Bluetooth tech into a single well or an entire monitoring system enables field technicians and engineers to do less alteration of sites, and gain better access to accurate data faster or just use it for hands free operation of serial sensors.

FEATURES

+ Low power mode: up to 5 years in request mode

+ 20-50m range with built-in antenna

+ Modbus RTU and SDI12 compatible

+ LED diagnostics and alert light

+ Simple and low-profile mounting (pipe, clamp, hang or bolt)

+ Eliminates excess cable

+ Windows app for COM port support available

+ Integrates with serial products and data analysis software

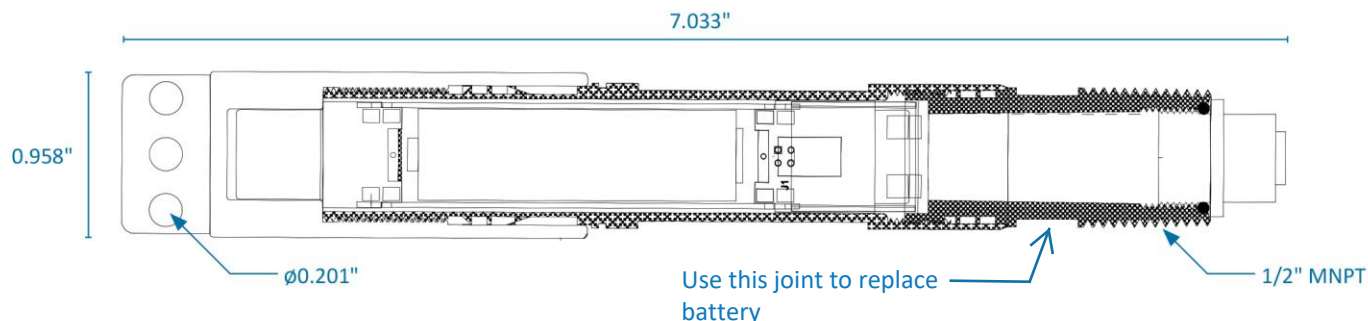+ IP67 anodized alumium enclosed, with polycarbonate top

Converts sites into Bluetooth beacons for sensors

Hands-free operation of RS-485 and SDI12 devices

Supports Modbus smart sensors

Embed board into serial products for Bluetooth 4.0+ connectivity

Let's build a better planet together.

BLE-485 Bluetooth Adaptor

MECHANICAL DETAILS

7.033"

0.958"

ø0.201"

Use this joint to replace battery

1/2" MNPT

ORDERING INFORMATION

Model	Part #	Description
BLE-485	BT1000	Industrial Bluetooth to RS485 IP68 adaptor with 3.6 lithium battery and 9-24 vdc auxilary input
BLE-485-6.8	BT1003	BLE-485 with Boost 6.8 vdc to power sensors
BLE-485-12	BT1004	BLE-485 with Boost 12 vdc to power sensors

ACCESSORIES

Model	Part #	Description
Field serviceable connector	AC1001	IP67 field service connector for 6-8mm diameter cable
Splitter	AC1002	IP68 male by two female inputs
AA lithium battery	AC1003	Replacement battery

SPECIFICATIONS

Bluetooth Technology
4.0+ compliant
Sleep, advertise and transmit modes supported
Built-in antenna
Power
Internal battery 2 to 4 vdc
External 9 to 24 VDC , Boost output 6.8 vdc, Boost output 12 vdc
Serial RS-485 Technology
Supports 1200, 9600, 19200 and 38400,57600, 115200 baud rates
RS-485 2 wire, Data A (-), Data B (+), SDI12, grd
Industrial Bus
Indicators
Multicolor LED's for wake state, on/off and other programmable indications
Modbus ASCII/RTU and SDI12
Mechanical
Enclosure: IP67
Material of construction: Anodized aluminum & polycarbonate
Environmental
Operating temperature: -40.0 to 85.0 degree C
Approvals / Certifications
FCC, IC, CE, ROHs
Bluetooth SIG declared