



Bluelon

BlueTrack BT-100-BL



Wireless Tracking:

- Bluetooth™ based technology
- Fast response time
- No additional software needed on remote Bluetooth target device
- Supports RSSI offsets

Remotely Configurable:

- Device Range
- I/O timing

Installation/maintenance:

- Compact and discrete design
- Integration with LonWorks®
- Remotely upgradeable firmware
- Support LonWorks® Authentication

The **BlueTrack BT-100-BL** device (nodes) is a networked Bluetooth™ based device that is designed to be connected to and managed by the iQueue server platform. Networked devices can be used individually or grouped in e.g. grids or other patterns to enhance coverage area and enhance statistical data collection quality.

One of Bluelon's core focus areas has been the development of the Bluelon BlueNet networked platform. The BlueNet networked platform is used by BlueNet director application such as the Bluelon iQueue Server. BlueNet is an easy managed networked Bluetooth™ enabled middleware platform offering various bi-directional Bluetooth™.

services through existing LAN/WAN infrastructure. BlueTrack devices connected to a BlueNet based director server application can for example offer dispatch management at e.g. Airports with critical real-time tracking & positioning data from their operation.

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Technical specification:

Wireless Range:

0,5 - 50 Meter

Inputs/Outputs:

Up to 8 digital I/O's

4 analogue I/O's

Aux 1: Output Max 1 A, 24 Volt

Aux 2: Output Max 1 A, 24 Volt

Aux 3: Output Max 1 A, 24 Volt

Dimensions:

H=131 mm,

W=89 mm,

D=30 mm

Supply voltage:

10 - 30 Volt DC

8 - 24 Volt AC

Power consumption:

v/ 12 V: typ. 120 mA

v/ 24 V: typ. 60 mA

LonWorks®

Channel type:

FTT-10

Bluetooth™ devices

Virtually all Bluetooth™ devices incl. Bluelon BodyTag and WatchTag can be used with the BlueTrack device.

Only a few devices has been found not to meet the Bluetooth™ standard set forth by the Bluetooth™ special interest group found at www.bluetooth.org.

Bluetooth™ facts:

Bluetooth™ is developed by Ericsson and is a short-range (up to 100 m.) wireless communications standard. Bluetooth™ is designed to communicate with devices such as mobile phones, PDA's, headsets, laptops. The Bluetooth Special Interest Group (SIG) has announced that the Bluetooth market has passed the impressive milestone of 9.5 million Bluetooth units shipping per week. In May 2005, the shipment figures were 4.75 million per week according to IMS Research and in September 2006 - only four months later - this figure had doubled, exceeding even the most optimistic analyst projections.

LonWorks® facts:

Since 1988 LonWorks® have been implemented in more than 50 millions components and is worldwide installed into buildings, fabrication equipment, trains, private homes, airplanes. LonWorks® enables these components to communicate with each other on a local bus or even by the Internet and is today, the leading de facto worldwide, cross-industry standard for networking everyday devices.

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