



While the infsoft Locator Node Dongle is limited to a network connection via WLAN, the infsoft Locator Node PoE can be connected via Wi-Fi as well as Ethernet (PoE). Similar to the Locator Node Dongle, this wired gateway hardware enables the tracking of Bluetooth Low Energy (BLE) tags for both assets and people. Smart devices equipped with Bluetooth can also be identified.

The integration into the infsoft LocAware platform[®] enables a wide range of application scenarios. These include tracking solutions, analysis functionalities and process automation.

In order to determine the position of an asset or a person, the Locator Node PoE collects the data it receives from a transmitter and forwards the information to the infsoft LocAware platform[®]. This is where the data is processed and the location of the transmitter is determined.

BASIC SPECIFICATIONS				
Dimensions:	86 x 38 x 17.5 mm (LxWxH)			
Weight:	33.2 g			
Material:	ABS			
Color:	White			
Sensors:	Bluetooth Low Energy (BLE) 5			
Network Connection:	Wi-Fi / Ethernet (PoE			
Power Supply:	PoE IEEE 802.3af			
LED:	Power status, network status, and OTA updating indicator			
Working Temperature:	-20°C to +55°C			
Firmware Update:	OTA			
Certification:	CE, FCC			
Unit Price:	€100			



TECHNICAL SPECIFICATIONS

Bluetooth Version:	Bluetooth [®] LE 5.0
Bluetooth Frequency:	2.4 GHz
Bluetooth Modulation:	GFSK
Bluetooth Bandwidth:	1 Mbps, 2 Mbps
Receiving Sensitivity:	-96 dBm @ 1 Mbps, 30.8% PER
Numbers of Received Broadcast Packets:	About 70 packets/second
Scan Coverage:	About 90 meters of coverage radius (open area)

WI-FI SPECIFICATIONS

Wi-Fi Protocols: IEEE 802.11 b/g/n			
Wi-Fi Frequencies:	2.4 - 2.4835 GHz		
Emitting Power:	ting Power: 20.5 dBm (typical) @ 802.11b, 1, 11Mbp 20.0 dBm (typical) @ 802.11g 6 Mbps 20.5 dBm (typical) @ 802.11g 54 Mbps		
Data Transfer Speed: (20 MHz)	11b: 1, 2, 5.5 and 11 Mbps 11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 11n: MCS0-7, 72.2 Mbps (Max)		
Data Transfer Speed: (40 MHz)	11n: MCS0-7, 15 Mbps (Max)		
Transfer Speed:	1T1R 150 Mbps		
Receiving Sensitivity: (typical)	802.11b, 1 Mbps: 802.11b, 2 Mbps: 802.11b, 5,5 Mbps: 802.11b, 11 Mbps: 802.11g, 6 Mbps: 802.11g, 9 Mbps: 802.11g, 12 Mbps: 802.11g, 12 Mbps: 802.11g, 24 Mbps: 802.11g, 36 Mbps: 802.11g, 48 Mbps: 802.11g, 54 Mbps: 802.11g, 54 Mbps: 802.11n, HT20, MCS0: 802.11n, HT20, MCS1: 802.11n, HT20, MCS1: 802.11n, HT20, MCS3: 802.11n, HT20, MCS5: 802.11n, HT20, MCS5: 802.11n, HT20, MCS5: 802.11n, HT20, MCS5: 802.11n, HT20, MCS5: 802.11n, HT40, MCS5: 802.11n, HT40, MCS1: 802.11n, HT40, MCS3: 802.11n, HT40, MCS5: 802.11n, HT40, MCS5:	-98.0 dBm -96.0 dBm -93.0 dBm -88.6 dBm -92.8 dBm -91.8 dBm -88.4 dBm -85.4 dBm -85.4 dBm -77.8 dBm -76.2 dBm -90.6 dBm -90.6 dBm -88.0 dBm -88.0 dBm -84.8 dBm -77.4 dBm -77.4 dBm -77.4 dBm -74.4 dBm -87.6 dBm -84.8 dBm -84.8 dBm -74.4 dBm -74.4 dBm -74.4 dBm -74.2 dBm -74.2 dBm -74.2 dBm -74.2 dBm -74.2 dBm -74.2 dBm	
Modulation Mode:	DSSS / OFDM		
Network Protocol:			

Imprint

Confsoft GmbH 2024. This content is protected by copyright. All rights to content and design are with infsoft GmbH. You may not copy, republish, modify or transfer this work without prior written and agreed consent of infsoft. Our content is regularly edited and carefully checked. However, we do not accept any liability with respect to the correctness, completeness and current status of the information offered here. All mandatory legal details can be found under: www.infsoft.com/company/contact



Publisher

infsoft GmbH Junkers-Ring 10A 85098 Großmehring Germany

Contact

Phone +49 8407 939 680 0 Fax +49 8407 939 680 12 <u>contact@infsoft.com</u> <u>www.infsoft.com</u>