

omlox WTag

Pocket-sized and long-lasting

Smart production lines, connected tools...
We make you ready for Industry 4.0!

omlox WTags bring inch-level tracking technology to industrial facilities. As part of a precise Real-Time Locating System, these versatile trackers are equipped with high-performance electronics, based on our unique Ultra-Wide Band chip design. Integrated in your Manufacturing Execution System, **omlox WTags** enable advanced flow analysis – the key to improved cost monitoring and to higher security.

They can be attached to thousands of goods or persons. They provide high-precision location data at refresh rates varying from once a day to up to 16 times a second.

omlox WTags and GPS-like trackers **omlox SmartAntennas** can be used simultaneously within the same UWB installation, they are compatible with any kind of solutions provided within the **omlox** ecosystem.



Tracking mode	server-centric
Power supply	240 mAh Li-ion battery Wireless charging
Dimensions	59 x 47 x 19 mm
Weight	25 g
Precision	down to 10 cm
Max. charging current	adjustable to user requirements default: 100 mA
Consumption	down to <70 μ A
UWB Frequency range	3.25 GHz to 4.75 GHz
Measurements per second	up to 204 adjustable to specific needs
Features	LED charging indicator: 1 color LED activity indicators: 2 colors Operating temp. range (°C): -20° to 55° Pre-programmed Unique ID of 64bits Bluetooth (BLE): to control the tag ON/ OFF (wake on BLE), to program user setting, to update firmware over the air (OTA) Wake on motion (accelerometer, IMU, barometers) IP64
Deliverables full system solution	RTLS softwares Wireless charging device(s)
Certification (ongoing)	CE Marking FCC