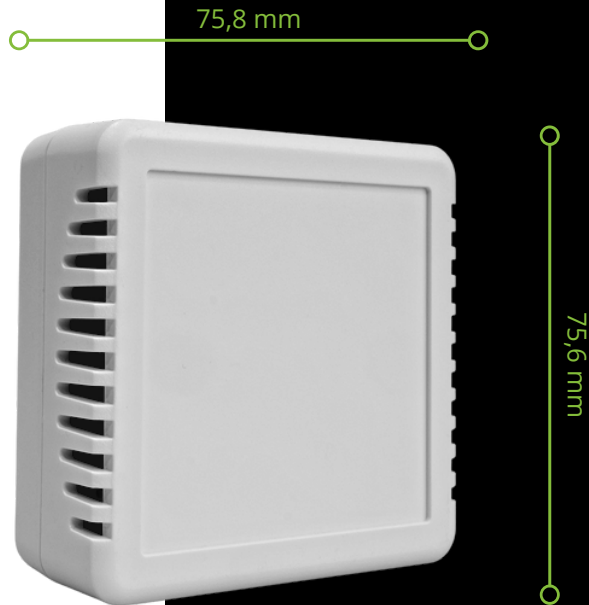


TW-AA-O



trackgent anchor

A basic anchor dedicated to determine the position of tags within the monitored area.



General features

Location technology	Ultra Wideband UWB, 6.49 GHz Center Frequency Nominal (Channel 5 - 500 MHz BW); IEEE 802.15.4z-2020
Power supply	+ 5 V/120 mA, "terminal block" connector inside the anchor
Dimensions	76 x 76 x 30 mm
Weight	66 g
Power signaling	LED
Action signaling	LED
Compliance	CE

Environmental features

Operating temperature	0-50 C
Storage temperature	-25-70 C
Operating humidity	20 ~ 95% RH (non-condensing)
Storage Humidity	0 ~ 95% RH (non-condensing)

Solution

Trackgent RTLS solution is based on a 3-component hardware set composed of smart tags, anchors and gateways. It allows positioning of objects with high accuracy, up to 20 cm, in confined spaces. System uses Ultra-Wideband (UWB) radio technology. It is independent from other location and navigation systems e.g. GPS.

Anchor

Trackgent anchors perform as reference devices, located within a monitored area and serve as reference points to locate tags. To provide the positioning functionality of tags, a minimum of 3 (recommended 4) anchors are required for 100 m²(1000 ft) or one closed area (e.g. room). Anchors housing is made of mechanical and chemically resistant ABS plastic.

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