



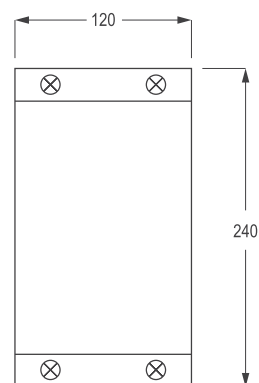
Description

The TAI sensor, compliant with UNI 11248 standards, is a high-accuracy traffic counter capable of bidirectional vehicle detection and real-time adaptive dimming to generate significant energy savings. Equipped with arrays of tuned 24 GHz digital radar motion detectors, it enables long-range detection even under adverse weather conditions such as mist, rain and snow.

Technical Specifications

Product code	C-T-WiC
Vehicle detection	Up to 30 m (cars) Backward and forward directions
Radar	24 GHz asymmetrical beam
Features	• Integrated signal processing • Efficient interference suppression • Vibration suppression • Two lanes counting • Integrated IoT wireless controller
Power supply	100-305V @ 50/60Hz
Power consumption	2 W (max)
Wireless	2.4 GHz IEEE 802.15.4 with 20 dBm maximum Tx power
Operating temperature	-25°C to +70°C
Environmental protection	IP66
Size	120 x 240 x 75mm

Product Size

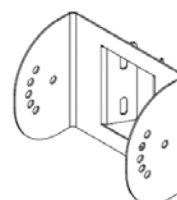


Installation

Suggested height of installation of the sensor:
between 4 and 5 m

Suggested pole placement:
1 m from the border of the road lane

Accessory



Mounting bracket
Titling angle: +22.5° to -45°
Material: Stainless steel