



GATElet



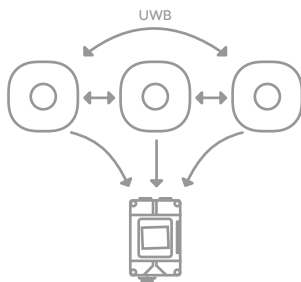
Key Features

- UWB reception according to IEEE 802.15.4z Downlink-Time Difference of Arrival, FiRa 2.0 Untracked Navigation Profile
- Network connection via WLAN, 4G or Ethernet
- Data provision via Nagios or Pinpoint monitoring service
- Protection class: IP65 (dustproof and water jet protected)
- Power supply 230 V

Application

Areas of application for the IP65 GATElet include indoor areas that are equipped with UWB positioning and are to be monitored by the GATElet. This GATElet is characterized by its high IP protection class, which means it can be used in industrial and production halls, depots or railroad station concourses, among other places.

System Architecture



The IP65 gateway is installed in the UWB location areas and receives the status signals from the SATlets that are sent via UWB, evaluates them and makes them available as status messages via Nagios or the Pinpoint service.

Specification

Interfaces	
Communication	WiFi @2.4 GHz, 4G, Ethernet
Power Supply	230V AC, 50 Hz (WIELAND 96.031.4153.1 Connector)
Positioning	UWB IEEE 802.15.4z, 6.5 GHz

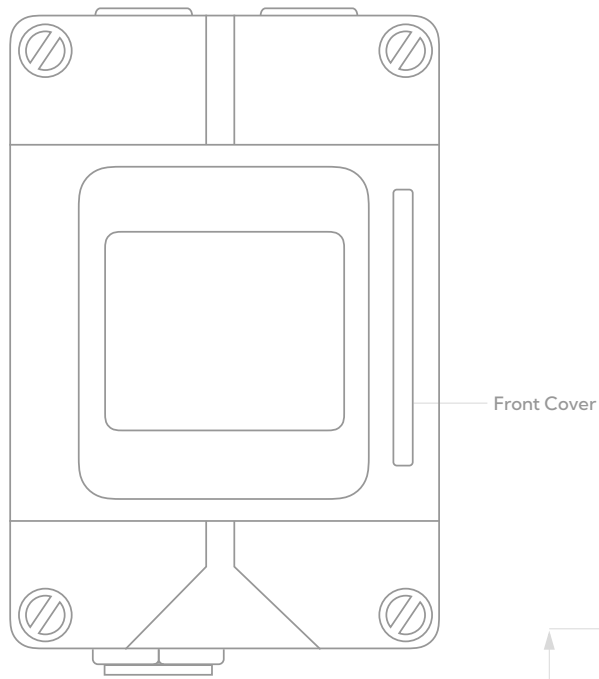
Software	
Configuration	EasyPlan
Firmware Update	Via WIFI
Monitoring	Via Nagios Plugin

Electrical	
Rated Power	4 W
Protection Class	II

Mechanical	
Dimensions	100 x 150 x 96 mm (WxHxD)
Weight	500 g
Mounting	Slotted hole grid, 84 x 50 mm
IP Protection Class	65 (dustproof and water jet protected)

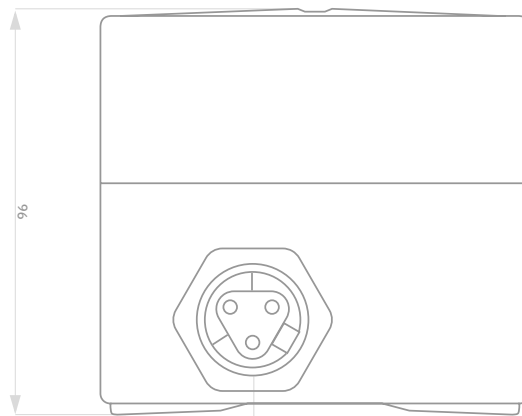
Environmental	
Operating Temperature	-25 °C 40 °C
Max. Relative Air Humidity	95 % @ 25 °C; 50% @ 40 °C
Immunity	Compliant with ETSI EN 301 489-33 V2.2.1
Emissions	Compliant with ETSI EN 301 489-33 V2.2.1
Certifications	CE

Schematics [mm]



Front View

Rear View



Back View

