



RFID

Wireless Gateway Terminal

- ✓ Reliable network
- ✓ Highest availability
- ✓ Strong resistance to interferences



Wireless. Automated. Secure

Gilbarco's Wireless Gateway Terminal (WGT) receives both vehicle identification units and AccuTrip+ data, decrypts the information, and securely forwards it to the Station or Site Controller, bypassing any possible physical interference or frequency jamming.

During refueling, the WGT continues to monitor the signal to detect any attempt to remove the nozzle and refuel other vehicle on the same account.

The MWGT functions as an access point of the Wireless Network and is directly connected to the Controller via LAN.



Features that help you take control.



Mesh topology, scalable, and flexible wireless network



Low-power short range RF communication



Co-exists with other networks such as WIFI



Highly secure AES-128 data encryption



Simple installation, setup, and upgrade via remote



Securely forwards data to the station controller.

Technical Specifications

The following table provides technical specifications for the vehicle identification units:

Physical

	Value
Dimensions:	42 x 23 x 7.8 mm
Weight:	8.1 grams
Humidity:	95% (non - condensation)

Environmental

Operating temperature:	-40°C to +55°C (-40°F to +131°F)
Humidity:	95% RH
IP Rating:	IP Rating IP66, (NEMA Type 4X)

Electrical

Operating voltage:	12 - 28 VDC
Operating current:	0.5 A

Communication

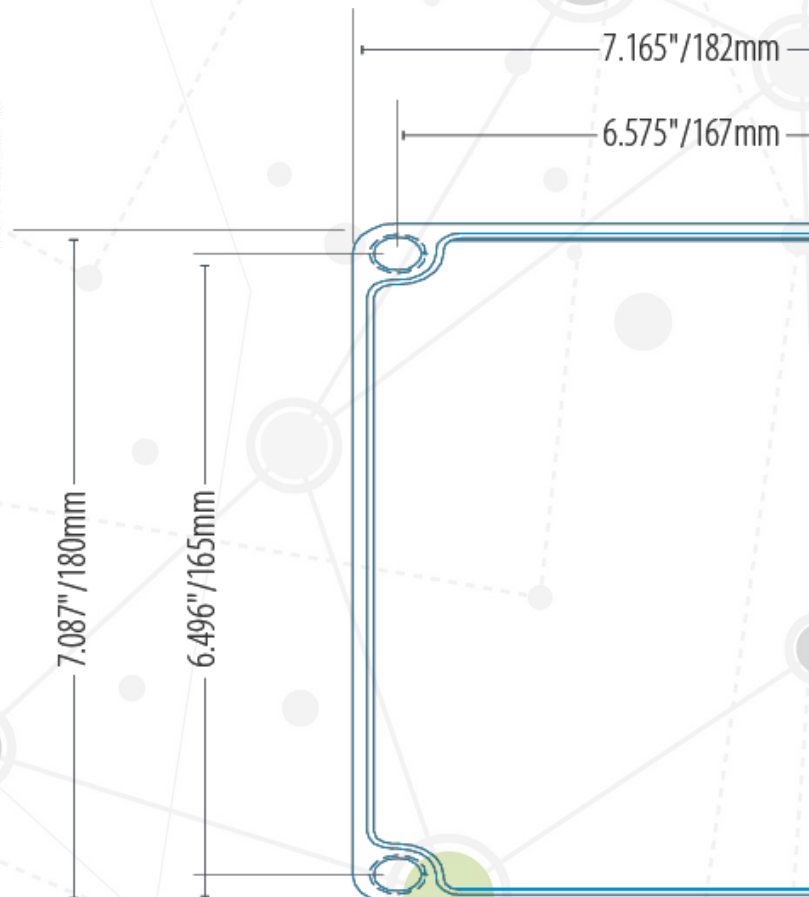
	TCP/IP over Ethernet EIA 802.15.4 2.405- 2.480 GHz ISM band RF Network Communication with AES128 encryption
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Highlights:



WGT:

- During refueling, the WGT continues monitoring the signal to detect any attempt to remove the nozzle and refuel other vehicle on the same account. Ensure only the highest availability and strong resistance to interferences.
- Completely covers the site or homebase.
- RFID components.
- Securely forwards data to the Site Controller.
- Mesh topology ensures robust and reliable network.



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Refueling Automation Solutions

Find out how you could benefit from our automation solutions.

Email: GVR-mea-enquiries@gilbarco.com
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