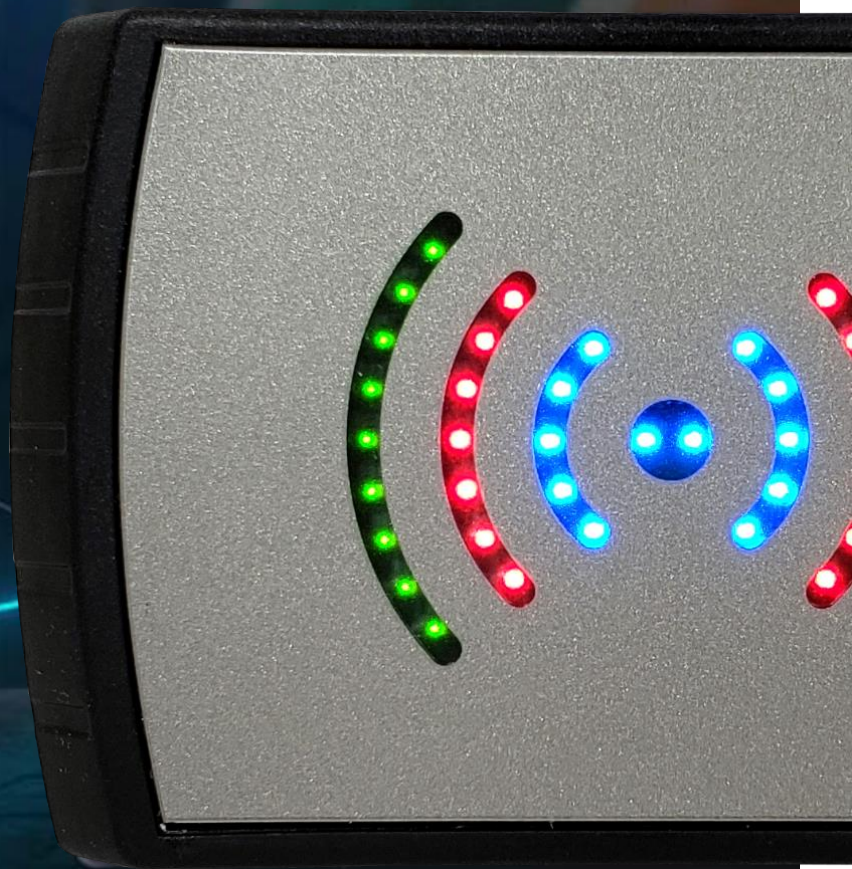


TR500 Tag Reader



- ✓ Cost-effective
- ✓ Contactless
- ✓ Compact & durable
- ✓ Robust



TR500

Tag Reader

The TR500 is a cost-effective contactless tag reader for use in both retail and fleet fueling sites. It allows retail attendants to easily authorize and enable fueling, and fleet drivers to be identified, using MIFARE cards and tags.

The TR500 connects to the station controller, enabling seamless operation of identification, authorization and payment processing for local fleet accounts.

Attendant Control

- ✓ Enhances fueling control utilizing the attendants' tag
- ✓ Enables local fleet accounts to be identified using their personal tags/cards
- ✓ Fully integrated with Gilbarco's fleet and retail solutions
- ✓ Cost-effective tag reader reduces expenses



Contactless attendant tagging. Simplified.

The TR500 device can be installed directly on the dispenser or wall-mounted next to it. The tag reader supports authorization via contactless MIFARE 13.56 MHz cards & tags as well as LF 125 kHz tags. It also includes a Security Application Module (SAM) used to handle encrypted tags.

Advanced Features



Compact and durable outdoor tag reader



Supports MIFARE 13.56 MHz and LF 125 kHz tags



User-friendly interface with LED and audio indicators



Easy to install



Remote set-up, configuration, and maintenance and Software update over TCP/IP or RS485

User Interfaces

In addition to audio notification, the streamlined design of TR500 uses LEDs of different colours to indicate status:



Standby Mode



Fueling is Unauthorized



Fueling is Authorized

Functionality

TR500 Technical Specifications

Interfaces to Ethernet and RS485

Robustness

Vandal Resistant and IK10 Ingress Protection: IP66



Loud buzzer

User Interface:

3 Color LED Stripes
MIFARE Tag Reader

Technical Specifications

The TR500 Tag Reader forms part of our Retail and B2B Commercial Automation solutions

Physical

	Value
Dimensions (H x W x D)	74mm x 116mm x 26mm
Weight	265g

Electrical

Input Voltage	12 - 24 VDC, 0.25A max
Power Consumption	6W
Operating Temperature	-40 C° – +80 C°

Environmental

Storage Temperature	-40 C° – +85 C°
Humidity	95% non-condensing
Ingress Protection Rating	IP66 / Enclosure Type 4
Vandal Resistant Rating	IK10

Interface

User Interface	<ul style="list-style-type: none"> • 3 colour LED strips • Buzzer
Card/Tag Reader	<ul style="list-style-type: none"> • MIFARE 13.56 MHz • LF 125 kHz EM4450, EM4102

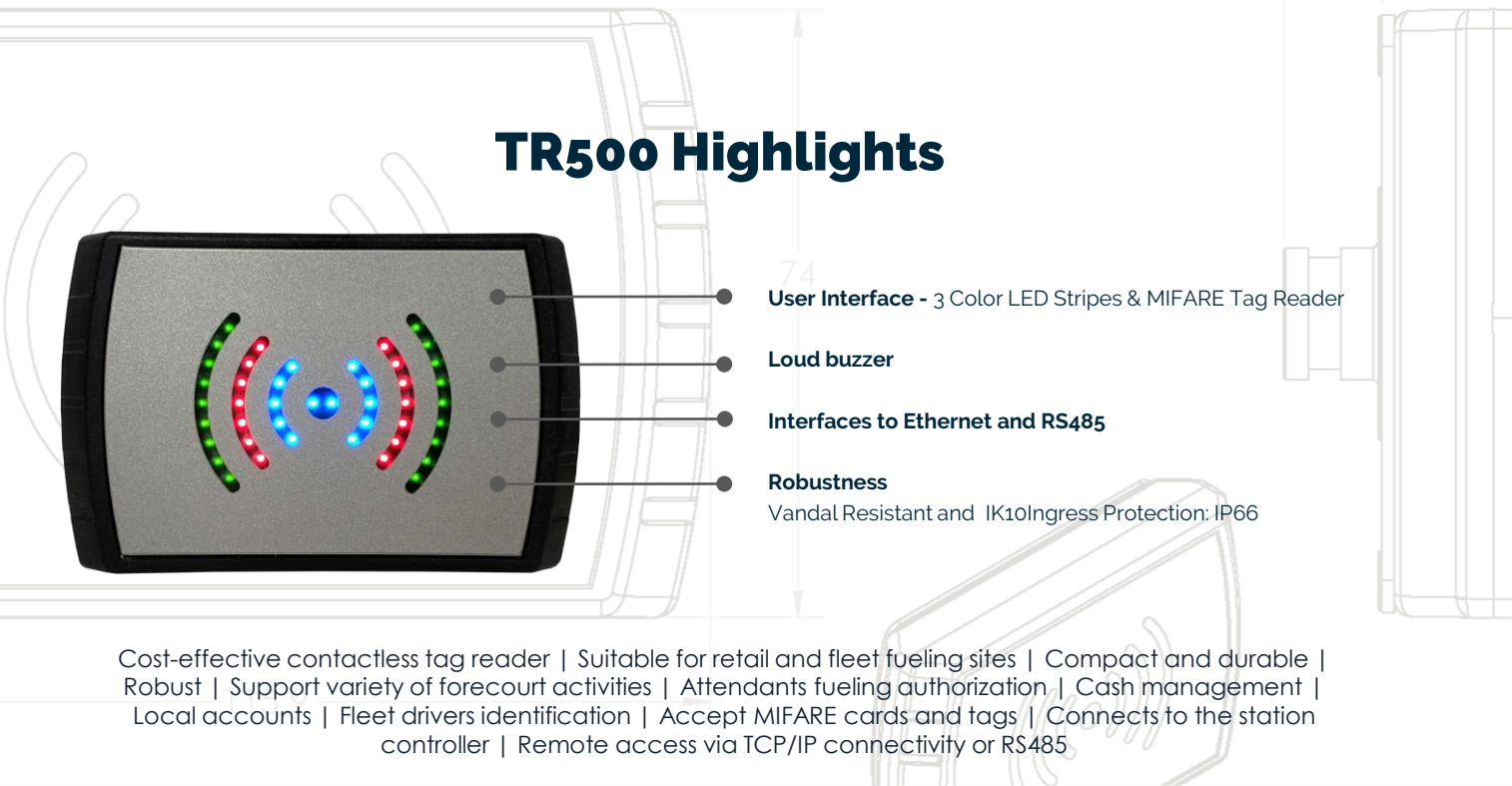
Communication

RS485	One RS485 port
Ethernet	One RJ45 LAN port

Certification

TR500 Highlights



Cost-effective contactless tag reader | Suitable for retail and fleet fueling sites | Compact and durable | Robust | Support variety of forecourt activities | Attendants fueling authorization | Cash management | Local accounts | Fleet drivers identification | Accept MIFARE cards and tags | Connects to the station controller | Remote access via TCP/IP connectivity or RS485

TR500 Tag Reader

**Contactless.
Effortless.**



Automate your forecourt.

Find out how your forecourt could benefit
from forecourt automation solutions.

Email: GVR-mea-enquiries@gilbarco.com
www.gilbarco.com/mea



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