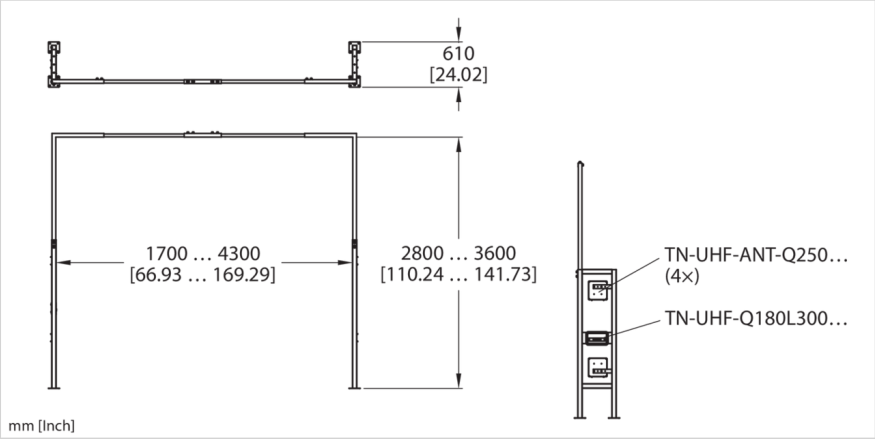
UHF-SYS-GATE-PASS-ETSI

UHF RFID Gate solution





Type designation	UHF-SYS-GATE-PASS-ETSI
Ident-No.	100051343

Technical data

Power supply	
Operating voltage U_B	12...30 VDC
Electrical data	
Channel spacing	200 kHz
Data transfer	Alternating electromagnetic field
DC rated operational current	≤ 1200 mA
Region (UHF)	Europe, India, Turkey, South Africa (865...868 MHz)
Technology	UHF RFID
PLC data	
Programming interface	Ethernet
Power over Ethernet	
PoE standard	IEEE 802.3at (PoE+)
System data	
Web server	Default: 192.168.1.254:8080
Mechanical data	
Dimensions	610 mm x 1700 mm x 2800 mm
Housing material	Aluminium Anodized aluminium, AL Anodized AL, Black-finished

Features

- UHF RFID GATE for the (bulk) detection of objects, e.g. during loading
- Pre-installed TVSnode software for commissioning and communication via integrated REST API interface
- Variable frame size
- Width: 1700…4300 mm
- Height: 2800…3600 mm
- Device only suitable for operation in the European Union (EU), India, Türkiye and South Africa at 865…868 MHz

Functional principle

The UHF readers form a transmission zone, the size of which may vary depending on the combination of reader and tag used.
The achievable distances may be different due to component tolerances, mounting location in the application, ambient conditions and the effect of materials (particularly metal).
Testing of the application under real operating conditions is therefore essential, especially with on-the-fly reading and writing!

| 28-08-2026 15:08 | Subject to technical changes |

Technical data

Ambient conditions	
Ambient temperature	-30...+50 °C
Protection class	IP67
Tests/approvals	
Approvals	CE
Comments	
Packaging unit	1

| 28-08-2026 15:08 | Subject to technical changes |