



MSTGW

**UHF RFID gate for people
access control**

**A complete UHF Portal Gate
for your access control**



Features

- EPC C1 G2, ISO 18000-6C Compliant
- Embedded Intelligence
- Ethernet, RS232 and RS485 Ports
- Integrated 3-dimensional reading antenna
- Easily deployable & scalable

Applications

- People access control
- Identification and tracking of items and pallets
- Electronic Article Surveillance (EAS)

General Info

The Quantum is a UHF RFID Gate for “hands free” people access control. It offers high performances, toughness and read reliability in a smart form factor.

The device is composed of a couple of elegant vertical metal structures, to be fixed in a floor-mount fashion, which can be installed on doorways, corridors or any other transit zone.

Each vertical panel incorporates a special antenna that allows a 3-dimensional reading of the tags independently from their orientation.

On-panel sensors are able to detect both transit direction and missing UHF badge/tag reads, the latter indicating an attempt to unauthorised gate transit.

The internal control system handles the RF emission in the gate, the signals coming from the sensors and the signals to lamps and audible alarm.

Designed for people access control in shops, offices, exhibition halls, hospitals and several other indoor areas, the Quantum Gate is also ideal for identification and tracking of pallets, trolleys, RTIs, tagged items passing through docking doors, corridors or other areas.



easy2read® Family

The easy2read® family constitutes a complete and reliable product line of readers for any Auto-ID need. A reading range from a few centimetres up to 7-8 metres distance makes the easy2read® family suitable for applications such as access control, UHF gates, desktop reading or OEM modules for integration into handheld or printer devices.



Technical Specifications Table

Frequency Range	860 ÷ 960 MHz
RF Power	Max 1W (30 dBm), SW programmable
Std. Compliance	UHF ISO 18000-6B and ISO 18000-6C (EPC Class-1 Generation-2)
Connectivity	RS232 / RS485 Ethernet 10-100M
Panels distance	90 ÷ 200 cm max
Panel Dimensions	(W)9.2 x (L)50 x (H)152 cm ³ (3.6 x 19.7 x 58.8 inch ³)
AC Power	220 VAC
Operating Temp.	0 ÷ 50°C
Weight	42 Kg

Ordering Options

Code	Description
1MSTGWA941XA	UHF RFID Gate for People Access Control

