TAGscan®

High Performance RFID Portal

Certificate of Quality 2009 — Performance Proved RFID Equipment, European EPC Competence Center

TAGscan-Portal key features:

High speed / high performance UHF RFID reading system for professional object identification

Certified read performance
Recommended hardware solution
Benchmark test by EECC

International standard
UHF RFID system EPC Class1 Gen2

Directional recognition
Integrated, industrial sensor board to detect object movements

Embedded server
Onboard software solution to prevent false reads, intelligent data filtering

Monitoring
Automatic error alerting functionality

Flexible hardware design
Adoptable to individual needs

Industrial metal housing
Encapsulated - mechanical protection
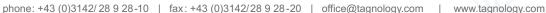
Installation
Easy installation, slim design

The **TAGscan Portal** is a high class UHF RFID system for industrial identification applications.

A high performance UHF reader in combination with 8 integrated antennas provides excellent read rates even in harsh environments.

The system is designed for automatic identification of products and objects at warehouse entrances and dock doors with a width up to 4.5m

The intelligent sensor electronic detects the direction of the goods and provides data filtering to prevent false reads and allows an easy software integration.

Technical data:

Housing	Stainless Steel
Dimensions (HxWxD)	192 x 46 x 16 cm
Weight	55.1 kg
Protection Class	IP50 (IP54 on request)
Power Supply	100-240VAC
Operating Frequency	868 MHz / 915 MHz
Interfaces	Ethernet RJ45
Host Communication	Notification mode
Communications Protocol	Byte stream, XML over http
Firmware update	via Ethernet
Operating Temperature	-10°C to +60°C
Storage Temperature	-40°C to +70°C

RoHS Compliant

Application Examples:

> supply chain
> automation
> industry
> logistic applications
> returnable assets
> manufacturing
> warehouse management

Special Features:

> high speed reading
> long range coverage
> bulk reading
> slim portal housing
> directional recognition
> monitoring & alerting
> quick and easy integration

>> your premium RFID-partner

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High Performance RFID Portal

- **Installation**

The construction based on two units with fully integrated components enables easy installation. Based on it's compact design and the ability of pre-assembly inside a mounting facility the installation at the point of operation can be done without specific RFID knowledge. All connectors and adjusting features can be done after short training by installation personnel.

- **Configuration**

The dock door is designed for a door width of maximum 4,5 m. The modular setup allows easy adjustment to the needs at the point of operation.

- **Encapsulated Units**

The two units are closed and cannot be accessed by unauthorized personnel. Mechanical protection units are detached from the RFID units what allows independent maintenance and repair.

- **Service**

The units can be serviced from the front side what allows in-wall mounting and easy repair. All used sensors are from recognized companies and therefore available worldwide and easy to replace.

- **Maintenance Costs**

All parts are generally maintenance free.

Certified EECC hardware solution
European EPC Competence Center