Thinkgo

RFID Gate

TG-PW-IM040

Warehousing identification equipment

- Direction judement of entry and exit
- Batch identification of bulk goods
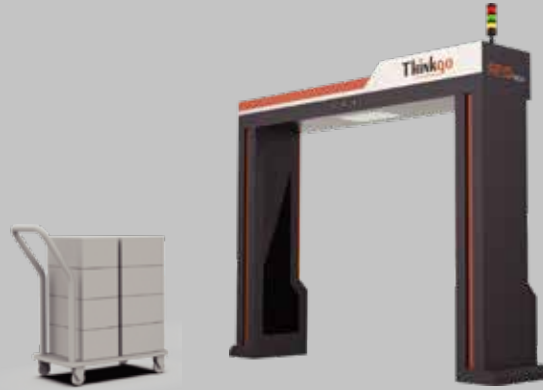
PG IOT — Smart Warehousing

Website

Description

Application

The inbound & outbound verification of bulk goods is a difficulty of warehousing logistics. RFID Gate is developed by Pinguan to solve such problem. Mainly used in clothing, leather bags, alcohol, power and other industries. It's integrated with a metal gate, RFID system and computer system. Identifying cargoes passing through the gate and alarms when finding problem cargoes. The verification result can be shown on the computer realtimely and uploaded it to user system. Compared with barcode scanning, it has the advantages of batch reading, high efficiency, high accuracy based on RFID technology. Further more, through the advanced motion capturetm algorithm, it effectively filters the static tags 1 meter away around the equipment, accurately identify the moving tags and their direction.

- Pallet level cargo identification, more than 30 boxes can be read each time
- Professional algorithm and mechanical design to fully solve the problem of miss reading
- Forklift can also pass the gate at high speed
- Convenient maintenance with an access door
- Secondary development of application software by customer is supported

Parameter

Name： RFID gate	**Model：** TG-PW-IM040
Dimensions： 2,800×600×2,350 mm	**Color：**
Material： Steel	**Working Temperature：** -15℃～ +45℃
Storage Temperature： -20℃～ +65℃	

Frequency： 902～928MHZ	**Protocol：** EPC C1G2/ISO18000-6C
Antenna： Built-in high performance antennas	**Rated Power：** 32.5dBm
Reading Rate： 30 boxes / time	**Power Supply：** AC 220V
Interface： RJ45,WIFI,4G	**Rated Power：** <300W
System： Windows	**Computer：** Industrial