



RM-5800BS AI

Easy to operate AI-powered self-service scale



Searching for a New Balance

Specifications

Weighing

| Interval type | Multi-interval | | |
|----------------|----------------|-------------|--------------|
| Capacity | Max. 3/6kg | Max. 6/15kg | Max. 15/30kg |
| Scale interval | e=1/2g | e=2/5g | e=5/10g |

Printer

| | |
|----------------|--|
| Type | High reliability thermal head printer |
| Resolution | 300dpi |
| Printing width | Max. 73 mm |
| Paper Width | Max. 80mm(receipt) Max. 80mm(label) |
| Printing speed | Max. 110 mm/sec. |
| Life span | 100 million pulses, 100km or more |

Operation console

| | |
|------|--|
| Type | 15" TFT-LCD with Touch panel (1024 x 768 pixel) |
|------|--|

PC

| | |
|---------|---|
| CPU | J1900, 2Ghz |
| Memory | DDR3L 4G Memory (up to 8GB) |
| Storage | 32GB SSD (Option 128GB SSD) |
| Camera | High-speed USB and full-speed automatic switching, Support 8 million 2592(H) x 1944(V) 1080P 720P format output |

Connectors

| | |
|-----|--|
| I/O | 1x RJ45, 1x Series Port Connector, 1x RJ9 Cash Drawer, 4x USB |
|-----|--|

Easy-to-operate AI-powered self-service scale

RM-5800BS AI is a compact and user-friendly self-service scale AI scale that can be easily deployed in various retail settings to deliver efficient and intelligent operation for both loose and bagged items ensuring a frictionless shopping experience for customers.

Intelligent AI recognition system

High accuracy product identification - Customers don't need to sort through pages of PLU, reduce shrinkage caused by human error and malicious intent. High speed performance.

AI Training Infrastructure and Security

AI solutions from DIGI Edge Computing are supported by a lean infrastructure that consists of three key elements: Scales, AI Gateway and AI Cloud. By combining these features, retailers can accelerate learning with a pre-trained library, making deployment easier.

The scales would capture new products and upload them to the AI Gateway prior to training and storing them in the cloud. They act as a layer of security between the organization's network and DIGI AI cloud. The scale utilizes SFTP and HTTP protocols in addition to FTP and TCPIP. This ensures that the information sent between your scale and back-office software remains secure.

The scale recognition can also be used standalone and does not require a server or cloud connection.

Unified scale management with @Label software

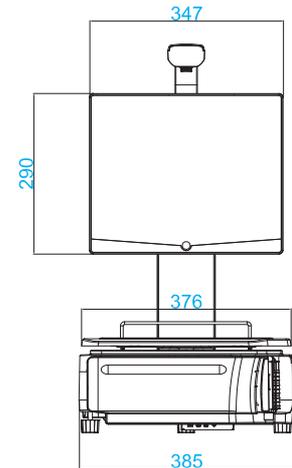


This cloud-based service allows you to monitor machine status in a single store or over multiple stores. If a machine drops out of service, an alert is sent immediately, contributing to speedy problem resolution.

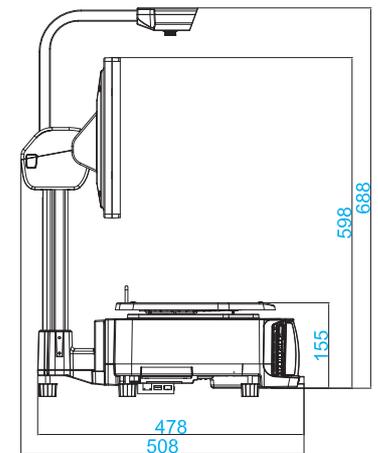
**Specifications are subject to change without prior notice.*

Dimensions (in mm)

RM-5800BS AI Front view



Side view



Simple interface for smooth self-service operation



Ensuring a pleasant shopping experience

SHANGHAI TERAOKA ELECTRONIC Co., Ltd.

Ting Lin Industrial Zone, Jin Shan District Shanghai 201505 China
Tel: 86-21-57234888
Fax: 86-21-57234090
Website: www.digisystem.com.cn