

Ai Camera Technology Smart Touchscreen Weighing Innovation Meets Durability



Easy operation, superior quality, intelligent and reliable: FreshBase Plus is the new generation of retailing scales that integrate with identification, weighing and printing. It's an exceptional choice to the retailers who are looking to move into the performance class of convenient touchscreen weighing.

Adhering to the product philosophy of rapid weighing, steady reliability, rugged durability, and innovative technology, also combined with MT's self-developed weighing application, FreshBase Plus brings convenient weighing services to sales counters, pre-packing and self-service weighing areas. FreshBase Plus provides intelligent weighing solutions for various departments in comprehensive retailers.

FreshBase Plus

Reliability rooted in heritage; innovation tailored to your vision.

With FreshBase Plus, retailers are choosing a thoroughly future-proof investment decision. Operators will enjoy smooth processes, fast response and rich functionality. Robust design and high-quality components ensure a long-life cycle, even under intensive using conditions. Powered by Mettler Toledo's proprietary AI technique, FreshBase Plus perpetually stays ahead in the market.



High-accuracy recognition, rapid recognition speed

- High-position camera improves the recognition accuracy and speed up the step
- Adapted to various environments
- Compatible with all packaging types



Easy to use, improved efficiency

- Minimized workflow steps to reduce operator's fatigue
- Cross-store learning results sharing, simplifying multi-store deployment
- Equipped with a high-speed printer to complete transactions quickly
- The operators can get started immediately, saving the training time and cost



Stable running, premium choice

- The scale provides millions of printouts, high-precision weighing and accurate touch-response under challenging conditions
- The insect-proof design for the core modules ensures operational success



Complete ecosystem, intelligent weighing solutions

- Self-developed AI technique, unique scale software and intelligent management platform form a complete ecosystem to provide customers with a superior intelligent weighing solution

High-resolution displays

- The capacitive touchscreen offers stepless adjustability to increase convenience for the operator. The high-resolution screen helps reduce visual fatigue.
- The large customer display ensures the best visibility and legibility. This allows promotion advertisements, which can help boost profits.



AI solution and smart camera

- Fast and high accuracy recognition make it easier to use, completing the transaction in seconds with three steps.
- Cross-store learning results sharing simplifies the deployment in more stores expanded in a short term.
- Modular designed camera kit is easy for upgrading; less investment brings long-term use.

Aluminum casing and stainless-steel pan

- The durable and timeless exterior design of the high-quality aluminum casing effectively prevents scratches.
- The internal core modules are protected from dirt, moisture and damage.

High-speed printer

- The high-speed printer improves printing time per transaction through printing in seconds.
- Millions of high-quality prints ensure satisfied customer experience during peak hours in the store.
- Less printing paper replacement thanks to the large roll printing paper at 120mm diameter.

FreshBase Plus

Technical Specifications

		U2	U3
Operator Display	15.6" 1920 x 1080 px	●	●
Customer Display	11.6" 1366 x 768 px	-	-
Camera and AI Solution	7" 1024 x 600 px	●	●
Max. Capacity		6kg/15kg	
Interval (e)		2g/5g	
Min. Capacity		40g	
CPU		RK3568 Quad-Core 2.0GHz	
Operating System		MT Smart OS Embedded powered by Linux	
Interfaces and Protocols		"Ethernet interface (10/100M, 1000M compatible)	
		1 x RS232 interface	
		1 x RJ11 interface	
		4 x USB 2.0 connections	
		Wireless IEEE 802.11 a/b/g/n/ac standard"	
Power Supply		100 - 240 V AC, 50 / 60 Hz	
Rated Power (W)		20	18
Max. Power (W)		106	105
Data Storage		2 GB LPDDR4X	
		16 GB eMMC	
Printer	Type	2-inch label/receipt printer	
	Print Width	56mm	
	Print Speed	up to 125mm/s	
	Print Resolution	8 dots/mm	
Package Dimension (L*W*H mm)		560x501x675	
Gross Weight (kg)		17	16.8

Remark: ● Standard; ○ Optional; - None



U2 HD



U2 GD



U2 side