

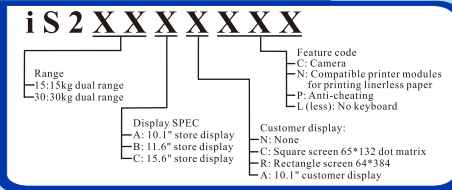
# iS2X Ai Label Scale

China Utility Model Patent  
Quick inserting and fixing structure  
Patent No.: ZL201920961882.6

Three functions complimentary:  
Shelf Label Printing, Small Label Printing & ESL Management



## Model Specification



Recognition rate  
with bag (99%)\*

Recognition rate  
without bag (99.8%)\*



With insect-proof  
loop design



iS2XBN

iS2XBC

## Creative Features

- Dual-paper printer: Switchable for linerless paper labels and backing paper labels. Compared with ordinary backing paper labels, linerless paper labels have the following advantages: 1. Reduce the waste of backing paper, green environmental protection. 2. Reduce the cost of a single label. 3. Increase the capacity of each roll of label number by at least 40%, and reduce the number of times to replace the paper rolls. 4. Eliminates labor time for processing waste backing paper, and significantly save the consumable costs and labor costs.
- Supports recognition of all categories of weighing commodities such as fruits and vegetables, dry goods, rice, noodles, eggs, grains, bulk food, etc., enable weighers to work without training and memorizing a cascade of LFCODE. 0.1s recognition speed improves the working efficiency.
- Own Ai visual recognition algorithm with 0.1s high-speed recognition, its recognition rate is more than 99%. The algorithm model has automatic cumulative iteration function, thus improving the working accuracy and efficiency of scale. Pure offline recognition and automatic association of PLU names in store, enables users to deploy and use it quickly.
- With the checkout Ai scale function, it can transmit the recognition results of fresh weighing goods to the cash register for receipt information accumulation without label printing.
- With back-end loss prevention function, you can manage equipment, personnel, weighing records and other functions easily.
- The scale retains the excellent hotkey function of the Aclas keyboard label scale, which can be used to quickly sell a PLU without looking at the screen by pressing a hotkey, and alternating with the new Ai recognition system.
- Support to search products by inputting PLU code or the first letter of its name, and pre-packing for the commodity.
- It carries excellent functions of Aclas label scale, including 32 kinds of label format and one-click functions such as gift baskets, sale by PCS, continuous & quick packing and copy.
- Support the Aclas old scales to be upgraded to Ai smart recognition touch scales by directly adding Ai recognition pole set, which can significantly reduce the cost of upgrading.
- Long press the blank area of the touch screen can generate a fixed hotkey, which is convenient for quick sales of popular products.
- Adopted the structure design of quick inserting and fixing structure for screen display and fixed base (China Utility Model Patent, Patent No.: ZL201920961882.6), the display can be dismantled and replaced easily to quick maintain and replacement.
- Features two hands-free printing functions, tap on tray and dual buttons on the paper exit, significantly reducing hand-lifting fatigue. (Up to 4,000 hand-lifting per day)
- With a powerful scale management software—LINK69, it supports various convenient functions, for instance, automatic association between fresh products with their photos, label editing, 32 kinds of shading download, automatic networking, docking with various existing back-end systems, scale nickname editing and photos download & maintenance, etc.
- Linked to the Aclas Electronic Shelf Label (ESL), the price will automatically syncs to the ESL after the price is changed on the scale without manual replacement of the shelf label.

## Excellent Functions

- The angle of the display can be adjusted to suit operators of different heights.
- Software: humanized interface, simple and convenient operation, can be customized with shortcut key's size and pictures.
- HD display, waterproof capacitive touch screen, convenient for wet hand operation, and high reliability without maintenance.
- Features WAN, it supports PLU and sales data exchange in real time, and easy branches' management.
- Aluminum alloy base for stable operation on the scale.
- The printer module can be replaced quickly. The faulty machine can be replaced quickly and easily without professional maintenance personnel.
- With vertical paper mechanism print module, it can prevent sand, dust and other particles from sticking to the paper roll and damaging the print head.
- Easy-to-understand paper loading operation, label paper can be replaced quickly.
- With 11.6" display, the smaller size of the display reduces the height of the operator's hand when clicking on the product, and also avoids obstructing the customer from passing the product.

\*Represents data from Aclas lab experiments

# Specification

Model	iS2XBN	iS2XBC	iS2XBA	iS2XCN	iS2XCC	iS2XCA
Operator Display	11.6" (1366*768)			15.6" (1920*1080)		
Customer Display	No	65*132 LCD	10.1"	No	65*132 LCD	10.1"
Keypad	No	112*2		No	112*2	
Touch Screen Type	Capacitive touch screen					
Weighing Capacity (Max.)	6kg/15kg; 15kg/30kg					
Verification Scale Interval	2g/5g; 5g/10g					
OS	Ubuntu					
CPU	Intel Z3735, quad-core, up to 1.83GHz					
Storage	2GB RAM + 32GB eMMC					
PLU Type	LFCODE, PLU name, item number, unit price, pricing unit, first label, second label, tare, barcode, department, group, package date, package time, preservation date, weight, package type (normal, fixed weight, fixed price, both fixed weight and price), nutrition message, traceability code, additional information 1, additional information 2, discount					
Barcode Type	EAN 8, EAN 13, EAN 128, 2/5 interleaved, GS1, QR code, silicon sense QR code, etc.					
Optional Functions	Linerless paper type					
Printer	Paper Type	Thermal label paper, paper width 62mm, Max Φ90mm(innerΦ28mm), Max Φ80mm(innerΦ40mm)				
	Printer Width	56mm				
	Print Speed	120mm/s				
Communication Type	Wi-Fi, 1*Ethernet, 1*RS232, 1*USB					
Power Supply	AC 100~240V 50/60Hz; DC 13.8V 3.2A					
Working Conditions	0°C~40°C & 5%~85% R.H.					

# Dimension

Unit: mm

