

SPECIFICATION

Model Name		TS5NX	TS5EX	TS5PX	TS5GX	TS2X-B	TS2X-D	TSHX-B	TSHX-D
Operator Display	screen size	10.1"			15"	12.1"			
	Touch Panel	Capacitive			Capacitive	Capacitive			
	Resolution	1280x800			1024x768	800x600			
Customer Display	screen size	10.1"			No	10.1"	12.1"	10.1"	12.1"
Weighing	Range	6/15kg ; 15kg;15/30kg;30kg							
	Division	2/5g ; 5g;5/10g;10g							
	Min. Load	40g ; 100g							
Architecture	Processor	Single core: ARM13 1GHz ; Multi core: Arm15 1GHz (up to 1.2GHz)							
	RAM	Single core: 256MB ; Multi core: 1GB							
	Storage	Single core: 512MB ; Multi core: 8GB							
	Operating system	Win CE ; Linux							
Printer	Paper style	Thermal paper / Label paper / Linerless label							
	Printing width	56mm							
	Printing type	1 printer module				2 printer modules			
	Printing speed	120mm/s							
I/O Port	LAN Port	1 x 10/100M Ethernet port							
	USB Port	2 x USB 2.0 port							
	RS232 Port	1 x 6Pin RS232 port ; 1 x Cash drawer port							
Options	WIFI	802.11 b/g/n							
	Battery	12V 4.5Ah, for emergency use				12V 2.3Ah, for emergency use			
Working Environment	Power Supply	Input: AC 100~240V 50~60Hz Output: 13.8V 3.2A							
	Temperature	0℃~40℃							
	Humidity	5%~85% R.H.							
Dimensions	Length (mm)	356	356	356	357	435	435	435	435
	Width (mm)	452	382	490	351	436	436	436	436
	Height (mm)	191	603	577	702	626	626	704	704

TSX SERIES

TOUCH POS SCALE

Bezel Free Capacitive Touch Screen



Green Mark
Initial Verification



OIML Certificate
R76:2006



CE Certificate
EMC & LVD



with insect-proof
design (patent)



SUPPORT OS



Win CE



Linux

HEADQUATER PINNACLE TECHNOLOGY CORPORATION

Add : 4F, No. 270, Sec 3,
Nan-kang Rd, Taipei, Taiwan

SALES & RD CENTER Xiamen Pinnacle Electrical Co., Ltd
Add :North 4F, Guangxia Building,
Torch High-tech Zone, Xiamen, China

AUSTRALIA COMPANY ACLAS Pty Ltd (Brisbane Office)
Add : Unit 4, 69 MontPelier Road,
Bowen Hills QLD 4006 Australia

POLAND COMPANY ACLAS Polska Sp. z o.o.
Add : ul. Wrocławska 8 41-902 Bytom, Poland

EXCELLENT AFTER-SALES SERVICE



Qatar Scales Co.

+974 4491 0788

www.qatarscales.com
scales@qatar.net.qa

P.O.Box: 16139,
Al Jazeera St,
Doha - Qatar

Distributor:

PINNACLE TECHNOLOGY CORPORATION
Tel: +86-592-5710087 Fax: +86-592-5710029 Http://www.aclas.tw Email:osa@acfas.com

PINNACLE TECHNOLOGY CORPORATION



www.aclas.tw



UNIQUE FUNCTIONS



- ◆ Unique printing mechanism design in the world, full printing area available, no need for 5mm (or more) pre-print area, so able to print all area; unlimited by reduced printable area caused by pre-print area. Able to print EAN13 code vertically on 30mm height label(the world's first breakthrough the traditional label requiring the pre-print area for 5~6mm, unable to print EAN13 code vertically on 30mm height label). So label format can totally get rid of the trouble caused by pre-print area requirement. Free to design barcode size and position, dramatically reduce label paper cost reaching to 10%~20% when using small logo, improving beauty.
- ◆ The first "bezel free capacitive touch screen POS scale (cash register/label scale)" in the world. Offer better user experience and away from scraping, super long usage life.
- ◆ The first "Arm POS structure POS scale (Green Power)" in the world, only 1/20 power consumption of normal PC POS scale, save 200kw.hr per year.
- ◆ The first "four cassette options" in the world: gap label, fixed linerless label(with black mark), unfixed length linerless label, receipt.
- ◆ Patent insect-proof design prevents the breakdown caused by bug.
- ◆ The first "POS scale with 12V UPS battery inside(optional)" in the world
- ◆ Attached POS scale software under WinCE offer Web Service or DLL interface to communicate with backoffice database. Web service can exchange database directly without another developing software but only SP script.
- ◆ Directly change price on scale and meanwhile synchronize with backoffice.
- ◆ The first in the world offer three kind SDK of WinCE/ Linux / Android for development use for 3rd party software development.



EXCELLENT FUNCTIONS

- ◆ Operating system: WinCE. The CE software in front office exchanges data via webservice Johnson protocol, no need PC to crosslink background data directly.
- ◆ Support floating vendor function. In one network, one cashier (promoter) is allowed to operate different label scales. After settle account, a collected label will be printed and attached to the bag. The system will generated a summarized barcode in a connected network, or separated barcodes for different PLU outside of network.
- ◆ Cassette system for quick changing paper roll. Auto-distinguish label cassette or receipt. Improve efficiency and save waiting time in busy time.
- ◆ Separate design on printer head and paper mechanism for separated replacement and easy maintenance.
- ◆ Use 10.1" color customer display to play video and advertisement at spare time, enhance corporate image and customer shopping desire.
- ◆ Adjustable operator display, suitable for high cabinet and platform both.
- ◆ Software: humanistic interface for convenient operation, free shortcut keys size and illustration.
- ◆ Display screen: 10.1" touch screen, elegant, water-proof, easy-clearing and durable.
- ◆ Support to print nutrition data in label for customer reference.
- ◆ Support to print multiple PLU in one collected label.
- ◆ With trace code to trace food origin and ensure safety.
- ◆ Support to print two-dimension code.
- ◆ With video overlap function. Able to add video-supervision from backstage to front desk.
- ◆ Support online sale, ensure real-time PLU data updating.
- ◆ Support 2nd label, such as to print nutrition data, different from the 1st one.
- ◆ Optional type: single label printer or double printers. Able to print labels and various POS receipts with POS cash register functions. Save space. Only need to buy one TS5X to integrate label printing and receipt printing of cash register function.
- ◆ With WAN function to remote manage real-time PLU data. Only need one server in head quarter to unified branches.
- ◆ Support scanner, POS, printer and other external devices. Sell packed commodity with barcode.

CONVENIENT SOFTWARE

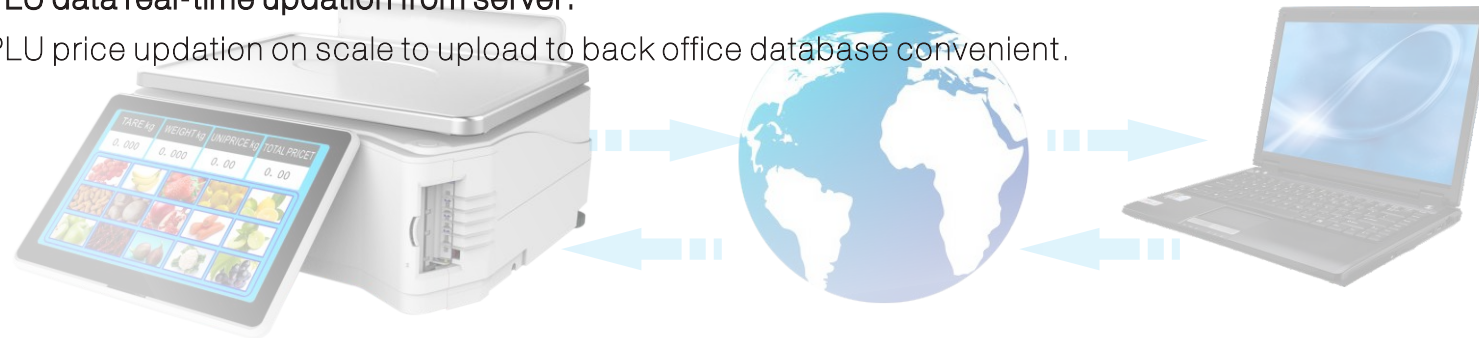
Web Service or DLL is utilized for Scale with Win CE OS to exchange data with server and POS sw.

Support both LAN and WAN connection;

Available to connect back office through Internet.

PLU data real-time updation from server.

PLU price updation on scale to upload to back office database convenient.



Support Floating Vendor Function.

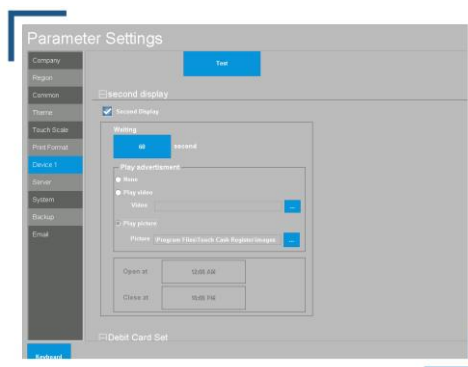
Support scale network, to collect transaction data for same customer from sub scales to host to print in one receipt.

Maximum support 9 scales for floating vendor function in scale network.

Advertising and promotion function.

Bright and strong colorful big client LCD display supports video and PPT-type images play at spare time. It can be used for products promotion and advertisement to increase customer shopping desire and gain additional advertisement income for store greatly.

As per advertisement quantity&plan, and shop hours. User can freely set the ad. quantity and ad. time.



PC application is offered to design the operation interface. User can define the interface freely according to usage habit. On scale, user can define Shortcut keys and upload graphic images as well. Humanized interface offers more convenience to enduser.

Open system to support 3rd party application installation, SDK for Arm OS(Win CE and Linux) are offered to develop application on scale, welcome 3rd party application cooperation.

Video supervision function: front desk operation real-time supervision from back office to avoid sales cheat.

EXCELLENT HARDWARE

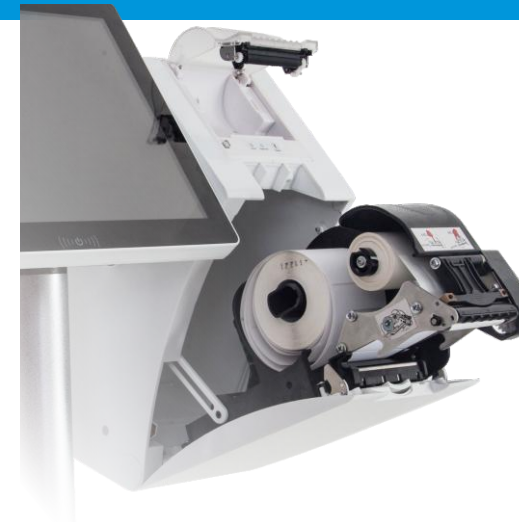
No need pre-printing area.

Scale can automatically distinguish label cassette or receipt printing.

Cassette system for quick paper roll change.

TS2X series with 2 printers in one scale can support both receipt and label printout (gap and lineless type).

Support receipt thermal paper, gap label and lineless label(option).
150mm/s printing speed.



Support AR Barcode,

Support tracking & nutrition information,
label format design freely.

Support 16 font types. BMP graphic print

Fan-less green power: lower power consumption, only 1/20 of PC or PC based touch scale.

No fan, No electric noise.

No Hard Disk makes compact design possible.



Adjustable display

Easily adjustable operator and customer display on TSX series scale, offers better view to operator and customers.

TS5X series operator display support resolution 1280*800. Self-service type support resolution 1366*768.

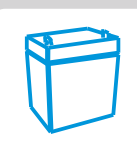


OPTIONS

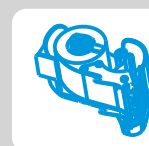
Several optional peripherals are available: Scanner, EFT POS, Car Charger, Cash Drawer, Wifi Module, Drawer and 3 optional printer modules.



WIFI Module



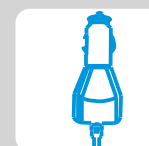
Battery



Cassette



EFT POS



Car Charger



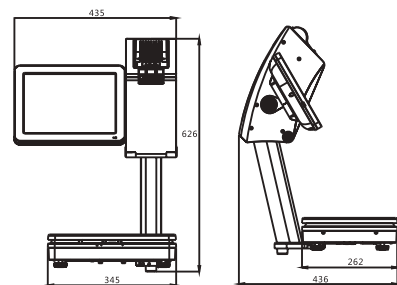
Scanner



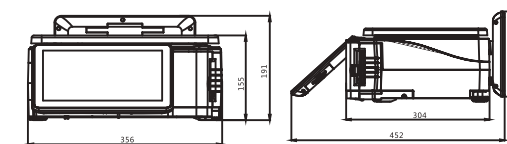
Drawer



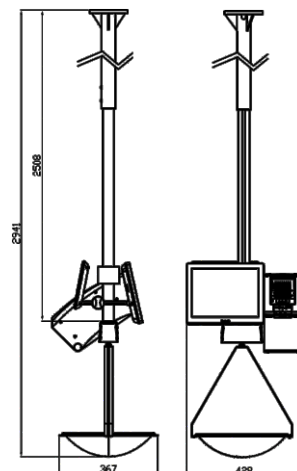
TS2X--Double printers type



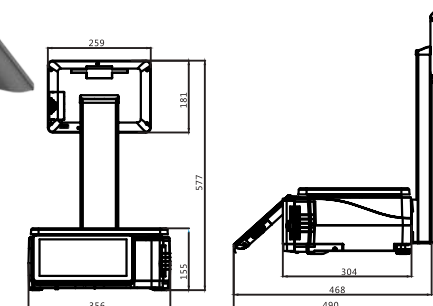
TS5NX--Bench type



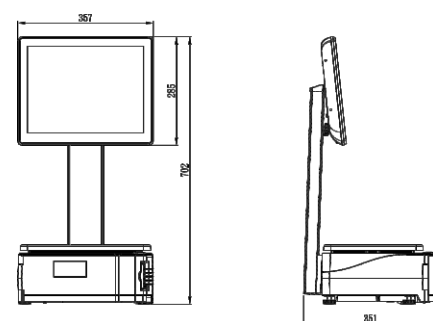
TSHX--Hanging type



TS5PX--Pole type



TS5GX--Self service type



TS5EX--Elevate type

