

# LS2X Series



## Label Printing Scale

Patent product , counterfeiting not allowed

Membrane Key Patent No.: ZL 01 2 03361.8

Insert-proof Patent No.: ZL 03 2 26288.4



### MODEL EXPLANATION

#### LS2NxxxxECPW

-Blank: with pole	-W: Wireless WIFI
-N: No pole	-Blank: Wired Network
-12: 15kg	-P: Anti-cheating
-615: 6kg/15kg	-Blank: Non-anti-cheating
-1530: 15kg/30kg	-A: No pole scale (operator/ customer display: 64*128)
	-B: No pole scale (no customer display)
	-C: Squared LCD (48*112)
	-R: Rectangle LCD (32*264)
-E: Ethernet	
-Blank: RS-232 stand alone	



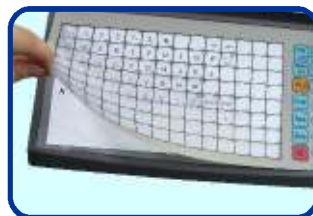
with insect-proof loop design (patent)



**LS2NXB**  
(Packing Scale)



**LS2XR**



removable and renewable hot keypad  
(Patent)



customer display



Squared display

### Exclusive Functions

- ※ Originated anti-insect loop design (patent) in the world and, completely occluded mechanical design for scale bottom prevents the machine from defects caused by insects, especially important for seafood department.
- ※ Innovative removable and renewable hot keypad (patented, 112\*2 keys) can be easily replaced even if it is soaked. Large number of hotkeys makes the operation friendly and quicker (don't need to memorize and enter Several-digit part No. anymore) and, the hotkeys can be edit freely by PC software and printed out immediately.
- ※ Modularization design makes the printer can be replaced easily and fast when broken (Picture 1, 2).
- ※ Different Barcode Type and Weight Unit can be selected freely for each PLU in one scale.
- ※ Scale with wireless communication (LS2XXW), date can be transferred via wireless network, makes the layout of scale more flexible.
- ※ Capable of printing batch serial number, which realizing the batch management on the purchase date and fresh status of perishable foods. The unit price will be automatically depreciated by the pre-set program according to the fresh status of food during price tag replacement, so as to avoid rotten foods caused by forgotten.
- ※ World Originated design based on the idea of POS management. Work with Pinnacle software solutions: PLU manager, Network manager, Label Editing tool to generate EAN 18 code for management of goods, thus to solve the bothering difficulty in supermarket management.
- ※ The first Barcode Label Scale compatible with graphic design application, adjustable label size from 30mm\*30mm to 100mm\*60mm reduce the cost of label paper.

## PLU Management

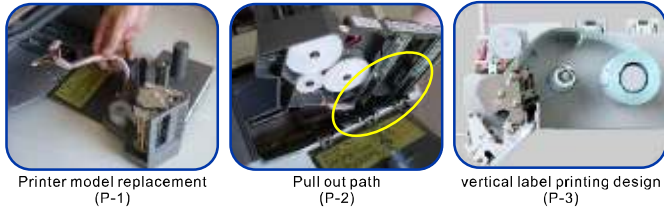
- ※ Different barcode type can be selected for each PLU (e.g. EAN18, EAB8, etc)
- ※ Price of PLU can be inputted temporary by scale keyboard during operation.
- ※ Different Weight Unit can be selected freely for each PLU according to actual usage (e.g. 10g, 50g, 100g, 500g, kg, lb etc)
- ※ Lookup PLU could be done easily by the initial letters.

## Back Office Application

- ※ Powerful capacity of logo design (Based on Windows system) allows users to design and download any Logo.
- ※ Powerful capacity of PLU management (similar to Excel) makes the PLU Code, Name, Price and Description can be programmed easily.
- ※ Parameter and Password can be set and download to scale through this Application, to control scale from back office.
- ※ Providing technical file (.DLL) for easily connecting to POS system of supermarket.
- ※ Can be connected to any back office application which based on different system, such as: NT, Unix, Internet and so on.
- ※ Different font can be selected for characters printed in label.

## Network structure

A chain store network on-line management system can be structured via phone line or broad band. (Refer to the following diagram).



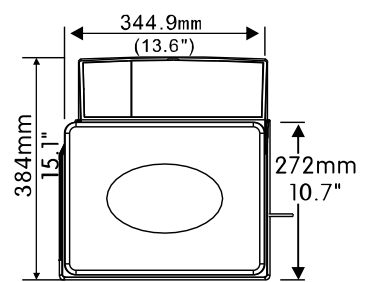
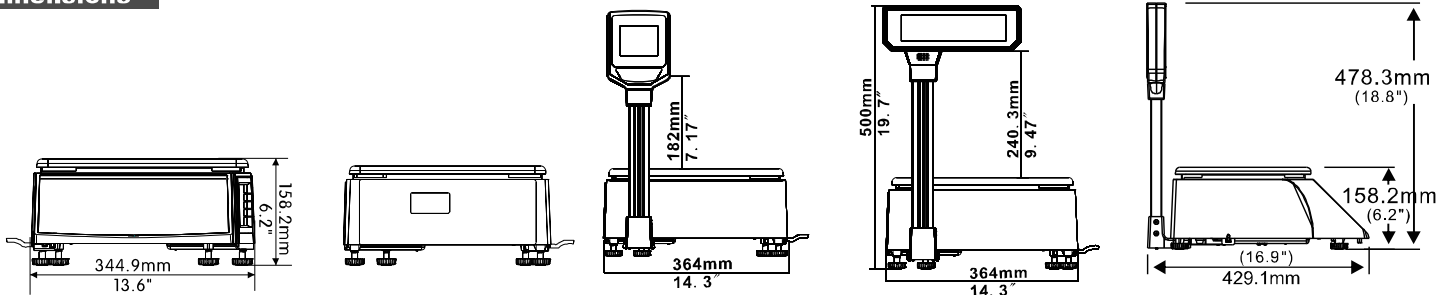
Printer model replacement (P-1)

Pull out path (P-2)

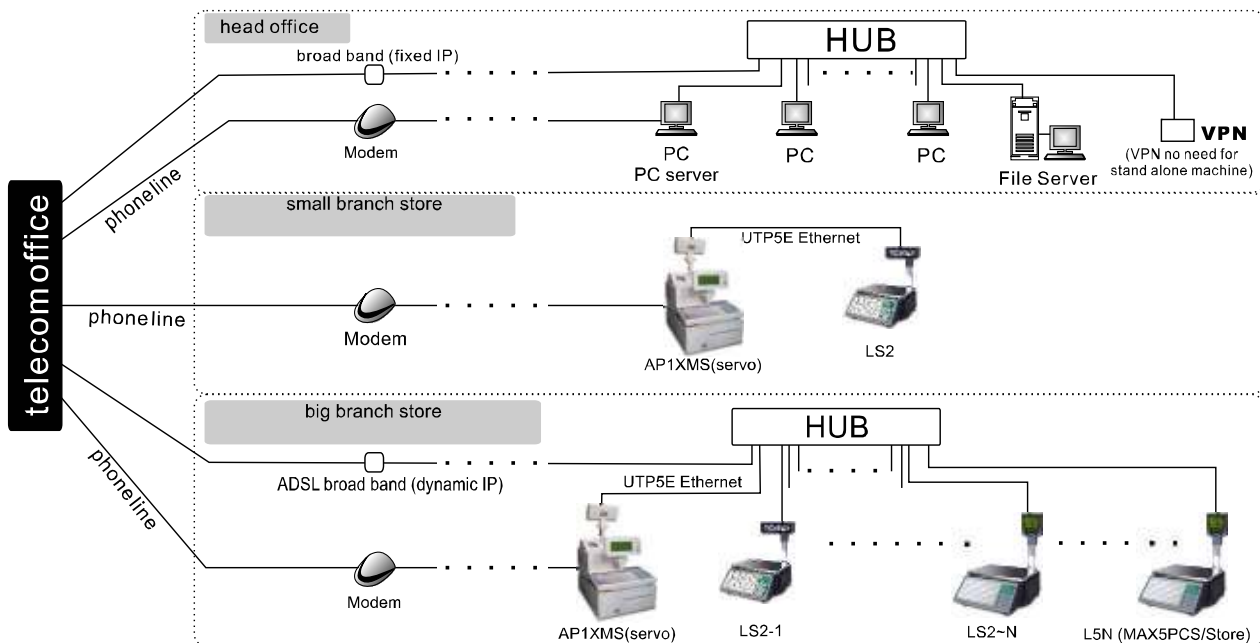
vertical label printing design (P-3)

Note : Functions and appearance are subject to change without notice. Please refer to practicality.

## Dimensions



## The connection diagram of Broad Band POS Cash Register (Pinnacle exclusive)



## Functions

- ※ Barcode can be printed out vertically or horizontally.
- ※ Print density can be adjusted according to sensitivity of label paper. Moreover, the auto voltage & temperature compensation design prolong the life time of printer 2-3 times.
- ※ Capacity of installing larger label roll (1000 pieces labels)
- ※ Supporting firmware online upgrade.
- ※ Rapidly renew the hotkey according to actual usage requirements.
- ※ Membrane Keyboard can be cleaned simply by wet cloth. High capacity of Anti-dirty.
- ※ Support many languages' display and print, such as: English, Russian, Arabic, Portuguese and Spanish etc.

## Specifications

<b>Guaranteed Precision</b>	1/3000 (15kg 5g)
<b>Internal Resolution</b>	1/30,000
<b>Display Resolution</b>	1/3000 (default) 1/7500, 1/15000 (15kg 1g, optional)
<b>LCD display</b>	Double-faced, auto back-light LCD 48*112, 4-line LCD (Square) 32*264, 2-line LCD (Rectangle) 64*128, 5-line LCD (No pole scale)
<b>Sampling Rate</b>	3HZ
<b>Thermal Printer Head</b>	56mm width 203 dot/in
<b>Memory Capacity</b>	Standard 16Mbit (extendable)
<b>Printing Speed</b>	50mm/s (light density)
<b>Operating temperature</b>	0°C~40°C, 5%~93%R.H.
<b>Overload Alert</b>	alarm if >100.015%
<b>Storage Environment</b>	0~40°C, 5%~93%R.H.
<b>Overload Cut-off</b>	>120%
<b>PLU Quantity</b>	12,000 (extendable)
<b>Power Consumption</b>	Sleeping mode: 3W Printing Mode: 30W
<b>Power Supply</b>	AC18V 1.5A (AC115V/220V/240V 50/60Hz Adaptor)
<b>Printing Contents</b>	EAN13 barcode, PLU name, unit price, total price, weight, graphic, discount mark, packing date, expiration date, trade mark, etc.
<b>Storing data</b>	12,000 PLU, 12,000 message, 2 barcode type(extendable), 1025 accounting information.