

# User Manual

## Electronic shelf label

### Stellar-XL3N@

#### General Description

Hanshow Electronic Shelf Labels are custom made for all kinds of retailers such as malls, hypermarkets, 3C stores, convenience stores and pharmacies. It is different from the traditional paper price labels; ESL can be remotely controlled and updated anytime and anywhere via RF technology. The ESL system also synchronizes retailers' existing database, which ensures the consistency between labels and counters. This is the key to successful O2O (Online to Offline) business.

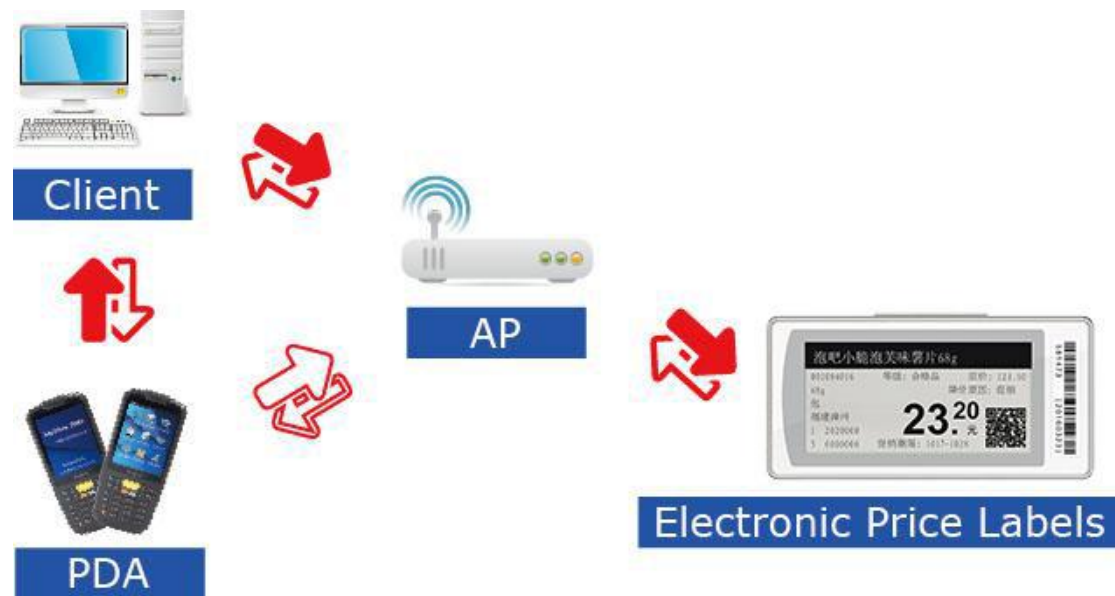


#### Hanshow Brings You

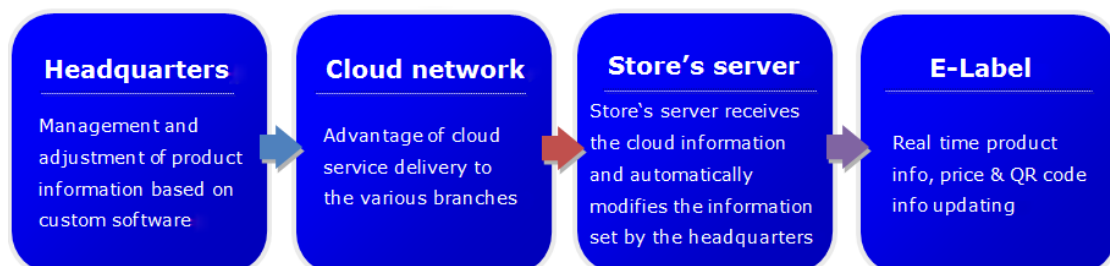
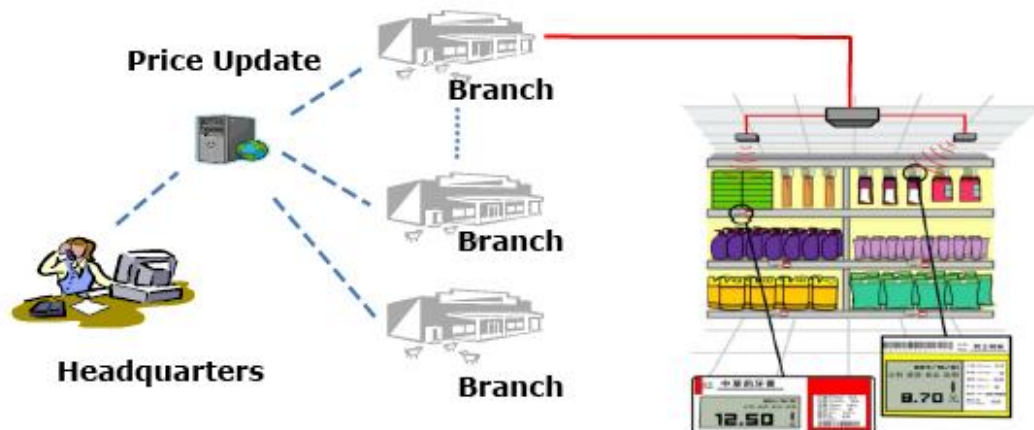
- Direct & Accurate "Sales" Information
- Smart "Pricing Management"
- Simple "Pricing Update" Process



## System Map



## Pricing Management Process



Stores also can be self-managing according to demand for replacing the goods, updating the price etc.

## Benefits



1. Dot-matrix e-paper screen - high readability and high contrast rate.
2. Diverse content – text, digits, pictures, barcode and RQ code.
3. Color screen.
4. Multiple sizes.
5. Supports multiple languages. Currently it supports Chinese and English, other languages can be custom made.
6. Real time price update. 10,000 updates per hour, 99.99% successful.
7. 360 degree signal transmission. Anti-interference.
8. Simple installation with antitheft function.
9. Product life span is 5 years.

- Fastprice update enables more frequent promotion activities, which increases retailers' profit margin.
- Pricing history in database is fundamental for data analysis, which provides references for future pricing strategies.
- Smarter pricing planning and shelf management.
- Big label delivers strong messages to consumers.
- Save labor and operation costs.

## Stellar-XXL\XXLN

RF Parameters			
Modulation	GFSK		
Quantity of Channels	157		
Channel Separation	0.5MHz		
Display Parameters			
Display	E-Paper	/	Dot-Matrix
Multiple Pages	Customized	Color Screen	Customized
“Sales” Sign	Yes		
Other Specification			
Antitheft Installation Holder	Yes	Transmission	2.4G Wireless
Antitheft Technology	Custom	Updating Speed	10,000 Messages Per Hour
Two-way Communication	Yes	Update Stability	Error Rate is less than 0.0000001
Environment			
Storage Temperature	0-40 degree	Operating Temperature	0-40 degree

IC warning statements:

-English Warning Statement:

"This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device."

The digital apparatus complies with Canadian CAN ICES-3 (B)/NMB-3(B).

-French Warning Statement:

"Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that are deemed to comply without testing of specific absorption ratio (SAR). Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement émet une énergie RF très faible qui est considérée conforme sans évaluation du débit d'absorption spécifique (DAS).

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.