CENTURY

CENTUVISION
Product Catalog

Focusing on IoT
Driven Digitalization Across Industries

2026 ESL

Hangzhou Century Co., Ltd.

About Century

Hangzhou Century Co., Ltd was established in November, 2003 and listed on Shenzhen (China) Stock Exchange in April, 2010 (Stock Short Name: "思创智联", Stock Code: 300078.SZ).

Century serves as a well-known brand in the Retail Industry, which is the earliest listed company in the Electronic Article Surveillance (EAS) Industry in China. Century also specializes in Radio Frequency Identification System (RFID) standardization, as well as the development and services of customized hardware products and industry application solutions.

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CONTENTS

OUR SOLUTION

Multi-store

Public or Private Clouds (servers) +
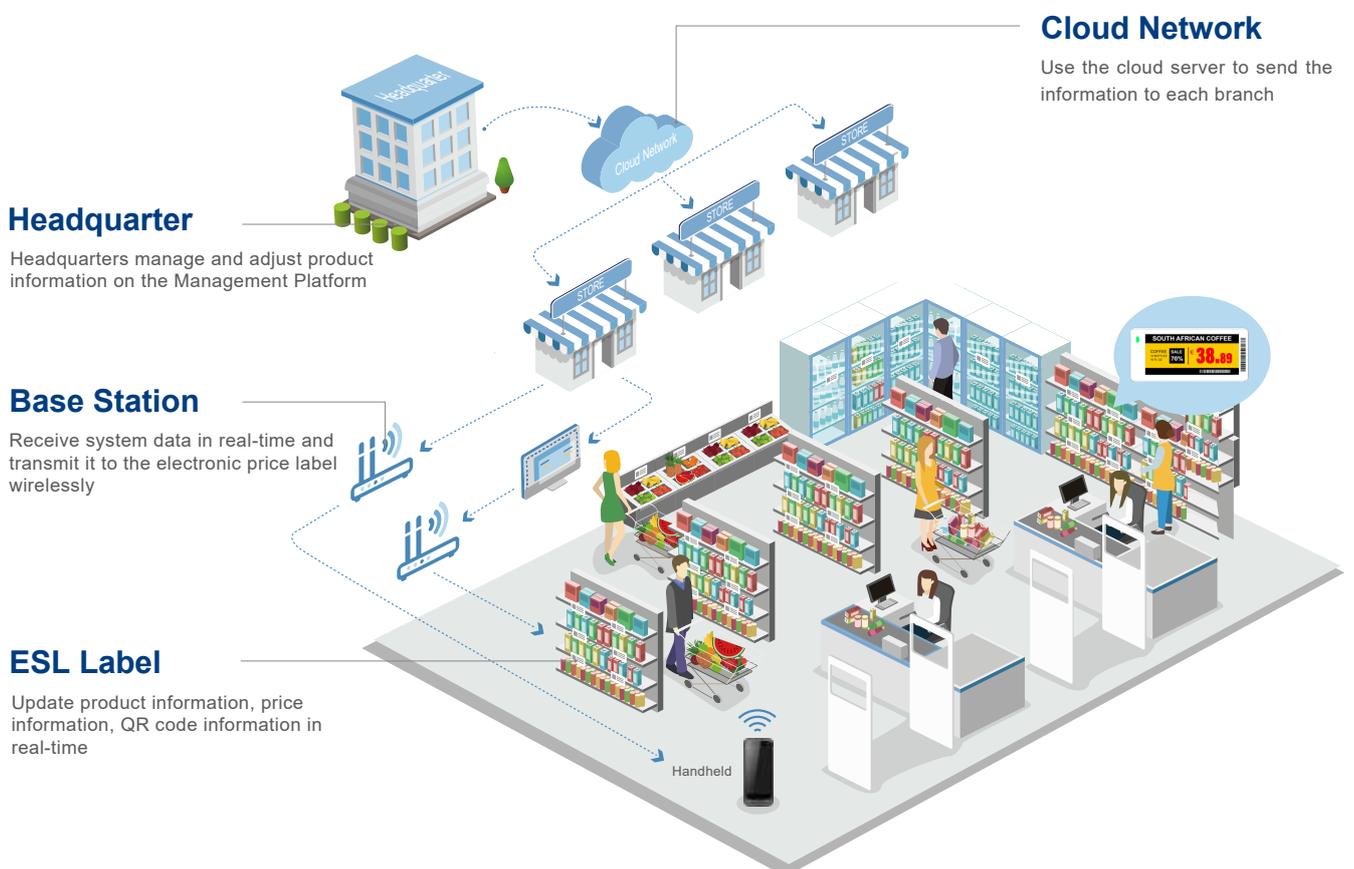
Base Station + ESL labels

Single-store

Software (servers) + Base Station +

ESL labels

Introduction

ESL (Electronic Shelf Label) system is an electronic display label used by retailers for displaying product prices and other information on shelves, being able to replace traditional paper labels. Each electronic shelf label can be connected to POS systems database wirelessly , and as a result, the labels content can be updated automatically whenever the information is changed under the control of a central server. With ESL system, retailers do not need to update the price labels manually, since POS information, ESL's content such as other retail systems will be synchronized, realizing also the consistency of inventory data and storage location management, as well as a better visibility of product freshness and expiration date.

Cloud Network

Use the cloud server to send the information to each branch

Headquarter

Headquarters manage and adjust product information on the Management Platform

Base Station

Receive system data in real-time and transmit it to the electronic price label wirelessly

ESL Label

Update product information, price information, QR code information in real-time

Handheld

OUR PRODUCT

ESL Functions

- ESL labels logs and management

- Online and offline NFC interaction

- Synchronize online and offline prices

- Inquiry merchandise / items and ESL label details

- Automatic promotional price change (Template Switch or Flash Alert)

Product Table

Digital Display	FINURA series	LT180CY_FFF
		LT213CY_FFF
		LT260CY_FFF
		LT290CY_FFF
		LT420CY_FFF_P
		LT420CY_FFF
		LT580CY_FFF
		LT750CY_FFF
		LT1020CY_FFF
	SATINA series	LT154CY_FFS
		LT180CY_FFS
		LT213CY_FFS
		LT260CY_FFS
		LT290CY_FFS
		LT420CY_FFS
		LT580CY_FFS
		LT750CY_FFS
		LT1020CY_FFS
	VISORA series	LT213A-F20_FFV
		LT213CY_FFV
		LT260A-F20_FFV
		LT260CY_FFV
		LT290CY_FFV
		LT370CY_FFV
	COLORA series	LF101/A_FF,LF101/A-D_FF LF101/B_FF,LF101/B-D_FF
		LF2310
		LF2900
		LF3500
		LF3700
		LF4710
Devices	Base station	DB322_FF
	Handheld	HT305

OUR SERVICES

Pre-sales Service

- Product Introduction
- Customer Consultation
- Solution Design

After-sales Service

- Technical Support
- System Maintenance
- 1 year warranty period

Sales Service

- System and Technical Training
- Project Implementation Support

CENTUVISION
Century's new revolution for
ESL Retail Solutions

FINURA™
SATINA™
VISORA™

FINURA™

FINURA™one of the thinnest ESL labels can provide a stylish appearance while being able to perfectly display complete and clear information even inwet surfaces.

FEATURES

- ▲ Attractive and no space taking front cover added
- ▲ RGB LED flashing lights available
- ▲ NFC function

- ▲ 4 screen colours available (B, W, R, Y)
- ▲ AES128 bits encryption
- ▲ Bluetooth 5.1 protocol

Code	LT180CY_FFF
Active Display Area (mm)	36.05*27.05
Resolution (Pixels)	224*168
Pixel Density (DPI)	158
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	1*CR2450
Battery Life	3 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	54.2*36.9*9.9

Code	LT213CY_FFF
Active Display Area (mm)	44.85*23.7
Resolution (Pixels)	122*250
Pixel Density (DPI)	130
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	2*CR2450
Battery Life	5 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	71*34.7*11.6

Code	LT260CY_FFF
Active Display Area (mm)	60.09*30.7
Resolution (Pixels)	152*296
Pixel Density (DPI)	125
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	2*CR2450
Battery Life	5 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	85*41*9.7

Code	LT290CY_FFF
Active Display Area (mm)	66.9*29.06
Resolution (Pixels)	296*128
Pixel Density (DPI)	112
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	2*CR2450
Battery Life	5 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	92*41.5*9.7

Code	LT420CY_FFF_P
Active Display Area (mm)	84.8*63.6
Resolution (Pixels)	400*300
Pixel Density (DPI)	119
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
IP Rating	IP67
OTA	Yes
Battery	2*CR2450
Battery Life	5 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	103.6*87*10.3

Code	LT420CY_FFF
Active Display Area (mm)	84.8*63.6
Resolution (Pixels)	400*300
Pixel Density (DPI)	119
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	2*CR2450
Battery Life	5 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	103.6*87*10.3

Code	LT580CY_FFF
Active Display Area (mm)	118.8*88.2
Resolution (Pixels)	648*480
Pixel Density (DPI)	138
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	1*CR2450-4P
Battery Life	5 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	132*109*13

Code	LT750CY_FFF
Active Display Area (mm)	163.2*97.92
Resolution (Pixels)	800*480
Pixel Density (DPI)	127
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	1*CR2450-4P
Battery Life	5 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	176.8*124.3*13

Code	LT1020CY_FFF
Active Display Area (mm)	215.52*143.68
Resolution (Pixels)	960*640
Pixel Density (DPI)	113
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	1*CR2450-6P
Battery Life	5 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	230.4*169.7*14

SATINA™

SATINA™ one of the most globally extended string in the whole world, as being able to provide a glazed and multicolored displaying effect in a data contained ESL format.

FEATURES

▲ NFC function

▲ Bluetooth 5.1 protocol

▲ Acrylic protecting shield added for the larger sizes

▲ RGB LED flashing lights available for the majority of labels' sizes

▲ 9 different ESL sizes to be chosen according to application demands

▲ AES128 bits encryption

▲ 4 screen colors available (B, W, R, Y)

Code	LT154CY_FFS
Active Display Area (mm)	27.51*27.51
Resolution (Pixels)	152*152
Pixel Density (DPI)	140
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	1*CR2450
Battery Life	3 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	44.5*35.9*12.1

Code	LT180CY_FFS
Active Display Area (mm)	36.05*27.05
Resolution (Pixels)	224*168
Pixel Density (DPI)	158
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	1*CR2450
Battery Life	3 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	52.5*35.9*10.5

Code	LT213CY_FFS
Active Display Area (mm)	48.55*23.7
Resolution (Pixels)	122*250
Pixel Density (DPI)	130
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	2*CR2450
Battery Life	5 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	70*34.5*12.1

Code	LT260CY_FFS
Active Display Area (mm)	60.09*30.7
Resolution (Pixels)	152*296
Pixel Density (DPI)	125
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	2*CR2450
Battery Life	5 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	83*41*12.1

Code	LT290CY_FFS
Active Display Area (mm)	66.9*29.06
Resolution (Pixels)	296*128
Pixel Density (DPI)	112
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	2*CR2450
Battery Life	5 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	90*41*10.4

Code	LT420CY_FFS
Active Display Area (mm)	84.8*63.6
Resolution (Pixels)	400*300
Pixel Density (DPI)	119
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	2*CR2450
Battery Life	5 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	104*86*12.5

Code	LT580CY_FFS
Active Display Area (mm)	118.8*88.2
Resolution (Pixels)	648*480
Pixel Density (DPI)	138
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	1*4 CR2430（replaceable） 1*4 CR2430（Irreplaceable）
Battery Life	5 years（4 updates/day）
LED	/
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	135.4*110*9

Code	LT750CY_FFS
Active Display Area (mm)	163.24*97.94
Resolution (Pixels)	800*480
Pixel Density (DPI)	127
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	1*4 CR2430（replaceable） 1*4 CR2430（Irreplaceable）
Battery Life	5 years（4 updates/day）
LED	/
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	180.8*121.8*9

Code	LT1020CY_FFS
Active Display Area (mm)	215.52*143.68
Resolution (Pixels)	960*640
Pixel Density (DPI)	113
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	1*4 CR2430（replaceable） 2*4 CR2430（Irreplaceable）
Battery Life	5 years（4 updates/day）
LED	/
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	235*173*9.5

VISORA™

VISORA™ the top-class label that will offer an appealing, complete and clear information on the displayed products will attract the attention of the clients in your store while ensuring a long term usability.

FEATURES

- ▲ NFC function
- ▲ Acrylic protecting shield added
- ▲ 4 screen colours available for the majority of labels (B, W, R, Y)
- ▲ RGB LED flashing lights available for the majority of labels' sizes
- ▲ 6 different ESL sizes to be chosen according to application demands

- ▲ Bluetooth 5.1 protocol
- ▲ AES128 bits encryption

Code	LT213A-F20_FFV		Code	LT213CY_FFV
Active Display Area (mm)	48.55*23.7		Active Display Area (mm)	23.7*48.55
Resolution (Pixels)	250*122		Resolution (Pixels)	250*122
Pixel Density (DPI)	131		Pixel Density (DPI)	130
Pixel Colors	Black white		Pixel Colors	Black White Red Yellow
Usable Pages	6		Usable Pages	6
Standard	BLE 5.1		Standard	BLE 5.1
Encryption	128-bit AES		Encryption	128-bit AES
OTA	Yes		OTA	Yes
Battery	Pouch lithium cell		Battery	2*CR2450
Battery Life	5 years（4 updates/day）		Battery Life	5 years（4 updates/day）
LED	1xRGB		LED	1xRGB
NFC	Yes		NFC	Yes
Operating Temperature	-25°~25°C		Operating Temperature	0~40℃
Dimensions (mm)	70*36*12.5		Dimensions (mm)	70*34.5*11.5

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www.century-cn.com   CENTURY VISORA™

Code	LT260A-F20_FFV
Active Display Area (mm)	30.7*60.09
Resolution (Pixels)	152*296
Pixel Density (DPI)	125
Pixel Colors	Black white
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	Pouch lithium cell
Battery Life	5 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	-25°~25°C
Dimensions (mm)	83*41*12.4

Code	LT260CY_FFV
Active Display Area (mm)	60.09*30.7
Resolution (Pixels)	152*296
Pixel Density (DPI)	125
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	2*CR2450
Battery Life	5 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	83*41*11.1

Code	LT290CY_FFV
Active Display Area (mm)	66.9*29.06
Resolution (Pixels)	296*128
Pixel Density (DPI)	112
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	2*CR2450
Battery Life	5 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	90*41*11.4

Code	LT370CY_FFV
Active Display Area (mm)	81.54*47.04
Resolution (Pixels)	416*240
Pixel Density (DPI)	129
Pixel Colors	Black White Red Yellow
Usable Pages	6
Standard	BLE 5.1
Encryption	128-bit AES
OTA	Yes
Battery	2*CR2450
Battery Life	5 years（4 updates/day）
LED	1xRGB
NFC	Yes
Operating Temperature	0~40℃
Dimensions (mm)	104*56.4*11.7

COLORA

Full-color LCD Display Screens helps you enhancing advertising effects with customized and planned marketing content while providing high performance in price changes. Now supporting all conventional advertising formats display in a wider variety of models and sizes, such as single sided, dual sided, strip displays as well as the "without cover" version to get an optimal digital displaying effect at the best price.

FEATURES

Price change in just seconds	Full Color and high resolution Display	Cloud management	NF, QR and Wi-Fi Function	Multiple Formats in one Display
Smart content update	One Base Station supports connection with ESL and LCD both systems	Deployable in all Business Structures	Great amount of installation ways	High protection level

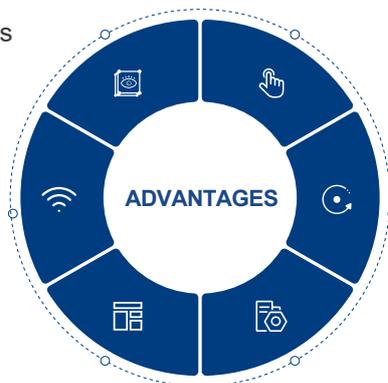## ADVANTAGES

01. Rich display formats and contents

02. Easy installation and operation

03. Remote management

ADVANTAGES

04. Intelligent and fast update

05. Customizable templates

06. Efficient business management

10.1 inches Full color LCD Price Tag
(Single-sided, Double-sided and without Front cover)

SPECIFICATIONS

LF101/A_FF

Display Technology	10.1"TFT (Single sided)	Encryption	128-Bit-AES
Dimensions (mm)	243*150.1*14mm	Waterproof Protection	IP65
Resolution (Pixels)	800*1280	Power Supply	Rail /Type-C
Active Display Area (mm)	135.3X216.6mm(*2)	Operating Temperature	-20℃~50℃
Operating Frequency	2.4G	Weight	440 g

LF101/A-D_FF

Display Technology	10.1"TFT (Single sided)	Encryption	128-Bit-AES
Dimensions (mm)	243*150.1*14mm(*2)	Waterproof Protection	IP65
Resolution (Pixels)	800*1280	Power Supply	Rail /Type-C
Active Display Area (mm)	135.3X216.6mm(*2)	Operating Temperature	-20℃~50℃
Operating Frequency	2.4G	Weight	650 g
Code	**Description**	**Code**	**Description**
LF101/A	Single-sided full-color LCD price tag	LF101/B	Single-sided full-color LCD price tag(without front cover)
LF101/A-D	Double-sided full-color LCD price tag	LF101/B-D	Double-sided full-color LCD price tag (without front cover)

Full color Strip LCD screens

LF2310

Display Technology	ADSDS Panel Technology	Power supply	DC 12V
Screen Size	23.1 inches	Power consumption	≤ 20W
Resolution (Pixels)	1920*158	Operation temperature	0℃~50℃
System	Android 5.1.1	Material	Full Metal Shell
CPU	Quad-Core SoC	Dimensions	597.4*60.4*15.8mm
Network	Wi-Fi(802.11b/g/n) /BT4.0 of 1, 2 and 3 Mbps.	Weight	700g

LF2900

Display Technology	ADSDS Panel Technology	Power supply	AC100-240V@50/60HZ
Screen Size	29 inches	Power consumption	≤ 35W
Resolution (Pixels)	1920*540	Operation temperature	0℃~50℃
System	Android 6.0	Material	Full Metal Shell
CPU	Quad-Core SoC	Dimensions	720.8*226.25*43.3mm
Network	Wi-Fi / LAN	Weight	4.82Kg

LF3500

Display Technology	ADSDS Panel Technology		Power supply	DC 12V
Screen Size	35 inches		Power consumption	≤ 24W
Resolution (Pixels)	2880*158		Operation temperature	0℃~50℃
System	Android 5.1.1		Material	Full Metal Shell
CPU	Quad-Core SoC		Dimensions	891.6*60.4*15.8mm
Network	Wi-Fi / LAN / BT4.2		Weight	1.05kg

LF3700

Display Technology	ADSDS Panel Technology		Power supply	AC100-240V@50/60HZ
Screen Size	37 inches		Power consumption	≤ 50W
Resolution (Pixels)	1920*540		Operation temperature	0℃~50℃
System	Android 6.0		Material	Full Metal Shell
CPU	Quad-Core SoC		Dimensions	914.81*280.84*43.5mm
Network	Wi-Fi / LAN		Weight	7.81Kg

LF4710

Display Technology	ADSDS Panel Technology	Power supply	DC 12V
Screen Size	47.1 inches	Power consumption	≤ 24W
Resolution (Pixels)	3840*160	Operation temperature	0℃~50℃
System	Android 5.1.1	Material	Full Metal Shell
CPU	Quad-Core SoC	Dimensions	1211.2*67.5*24.3mm
Network	Wi-Fi/LAN/BT4.2	Weight	2.72kg
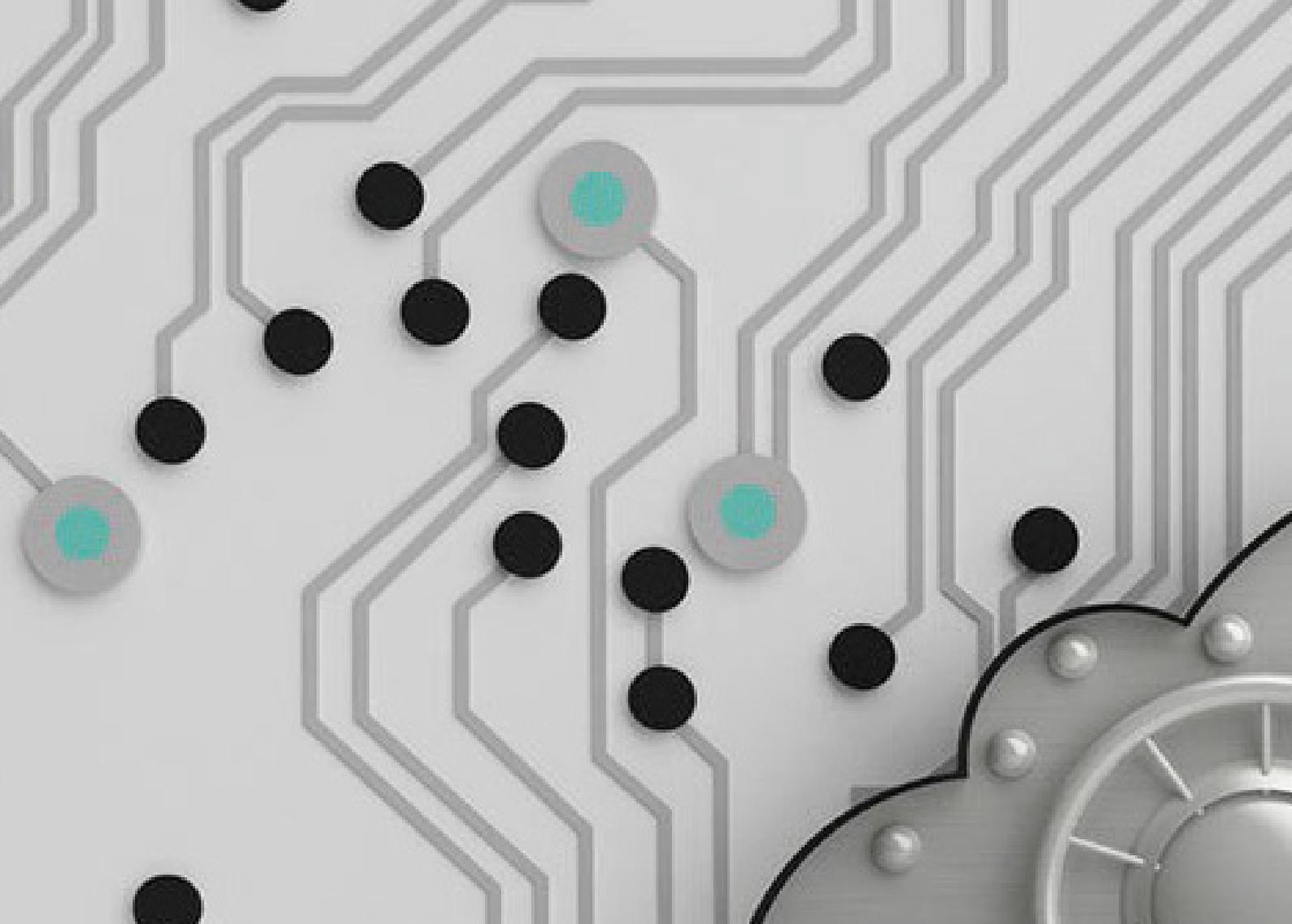
Base Station

Handheld

Software

Accessories

DB322-FF

Wireless Base Station

Advanced Wireless Communication Tech

LAN Port	1 *10/100/1000M Gigabit		Encryption	128-bit AES
Power	POE 48V 802.3af		Coverage Range	20m+
Dimension	180*180*33mm		Wi-Fi Standard	802.11 ac/n/a/g/b
Working Temperature	-10℃~60℃		Wi-Fi Frequency	2.4GHz&5GHZ
Working Humidity	0%~95% non-condensing		Labels supported	Up to 5000 labels per access point
BLE Standard	BLE 5.1		ESL Roaming	Supported
Transmit power	7dBm		DHCP	Supported

Century Handheld Terminal HT305

HT305 is a smart industrial handheld terminal of high performance which is applied for operating and maintaining the ESL system.

FEATURES

▲   Bind and unbind tags

▲   Inquire commodity and stock

▲   Fix a position and navigate for replenishment and distribution

SPECIFICATIONS

Model	HT305
Dimensions	163.8*79.2*13.8mm
Weight	242g
Display Screen	5.2", IPS FHD 1920*1080P
Battery	4000mAh
Extension Port	MicroSD/TF(Support 32GB extension)
SIM Card Slot	One SIM card slot, one SIM card or TF card optional
Audio	Amplifier, 2 mic , support voice call
Camera	13MP

PERFORMANCE PARAMETERS

CPU	Cortex-A53 1.3GHz Quad Core
Operation System	Android 6.0
RAM/ROM	2GB/16GB
Communication port	USB2.0 , Type-C, OTG

DATA COMMUNICATION

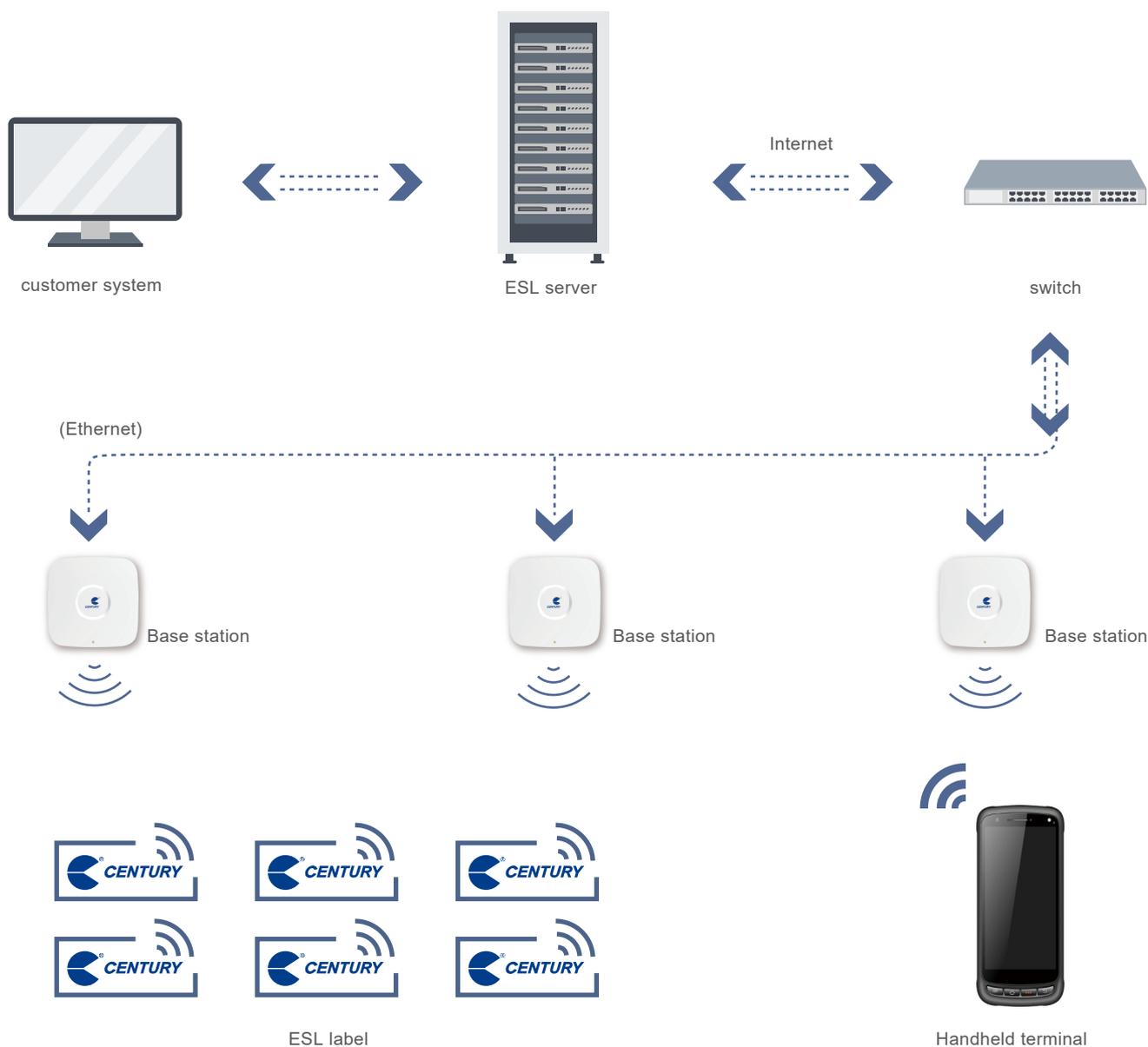| WLAN	Support IEEE802.11 a/b/n/g ; Built-in antenna
WAN	2G:900/1800MHz; 3G:900/2100MHZ; 4G:TDD-LTE: B38,B39,B40,B41; FDD-LTE: B1, B3, B5
RAM/ROM	Bluetooth 4.0, BLE
GNSS	GPS(AGPS),GLONASS,BDS

DATA ACQUISITION

| Support one dimensional barcode and two dimensional barcode	
Two dimensional scanning engine	Zebra SE4710 / Honeywell N6603
RFID	NFC 13.56MHz

CENTURY ESL Cloud Management Software

Century ESL Software is developed by Century using Browser Server (B/S）

architecture and web access. It supports multi-stores management.

customer system

ESL server

Internet

switch

(Ethernet)

Base station

Base station

Base station

ESL label

Handheld terminal

FEATURES

- ▲ Real Cloud Structure: SaaS model implementation in order to meet smart retail digital requirements, as no installation will be needed and it can be also used in the whole world.

- ▲ Flexible Deployment: It can meet multiple deployment modes such as group layout, enterprise-level layout and single point layout, as well as not only Cloud Deployment can be done, but it also in private server.

- ▲ Unlimited Expansion: 100 million-level information processing, endless storage, with the aim of meeting enterprises requirements for more and more data storage.

- ▲ Template Customization: Visualizable design, highly customizable, no restriction of content formats and unlimited times of modification, in other words, ready-to-use.

- ▲ Safe and reliable: AES 128-bit encryption technology, highly security of information protection and unassailable privacy protection.
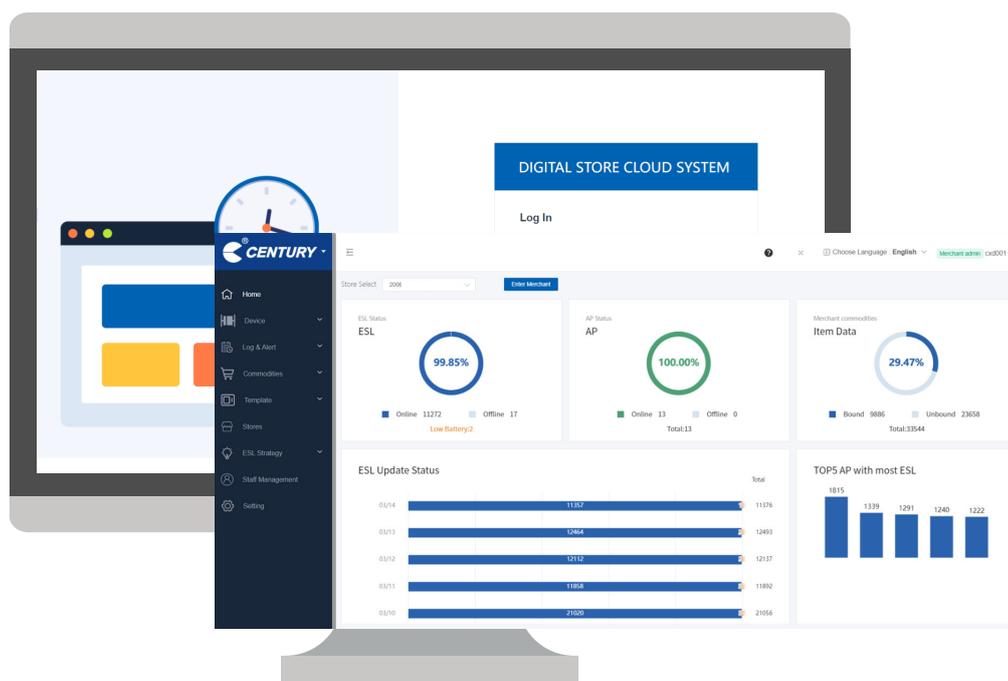
CENTUVISION Accessories

Century provides a wide range of accessories to match different installation requirements. Choosing different options to fit for different applications and projects.

Hanging hooks

Ice Awl Stand

Clip mounts

Removing tool

Assembly bracket

Hoisting accessories

Rails

Stand mounts

APPLICATIONS INDUSTRIES

Retail

Digital stores

Hotel restaurants

Warehouses

Factories

Pharmacies

Offices

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