



2022

PRODUCT CATALOGUE

YALATECH



雅量科技大厦

MULTI- SCENARIO SOLUTION

Provider and Manufacturer of Electronic Shelf
Label and other E-paper Products

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COMPANY INTRODUCTION

60+
Countries

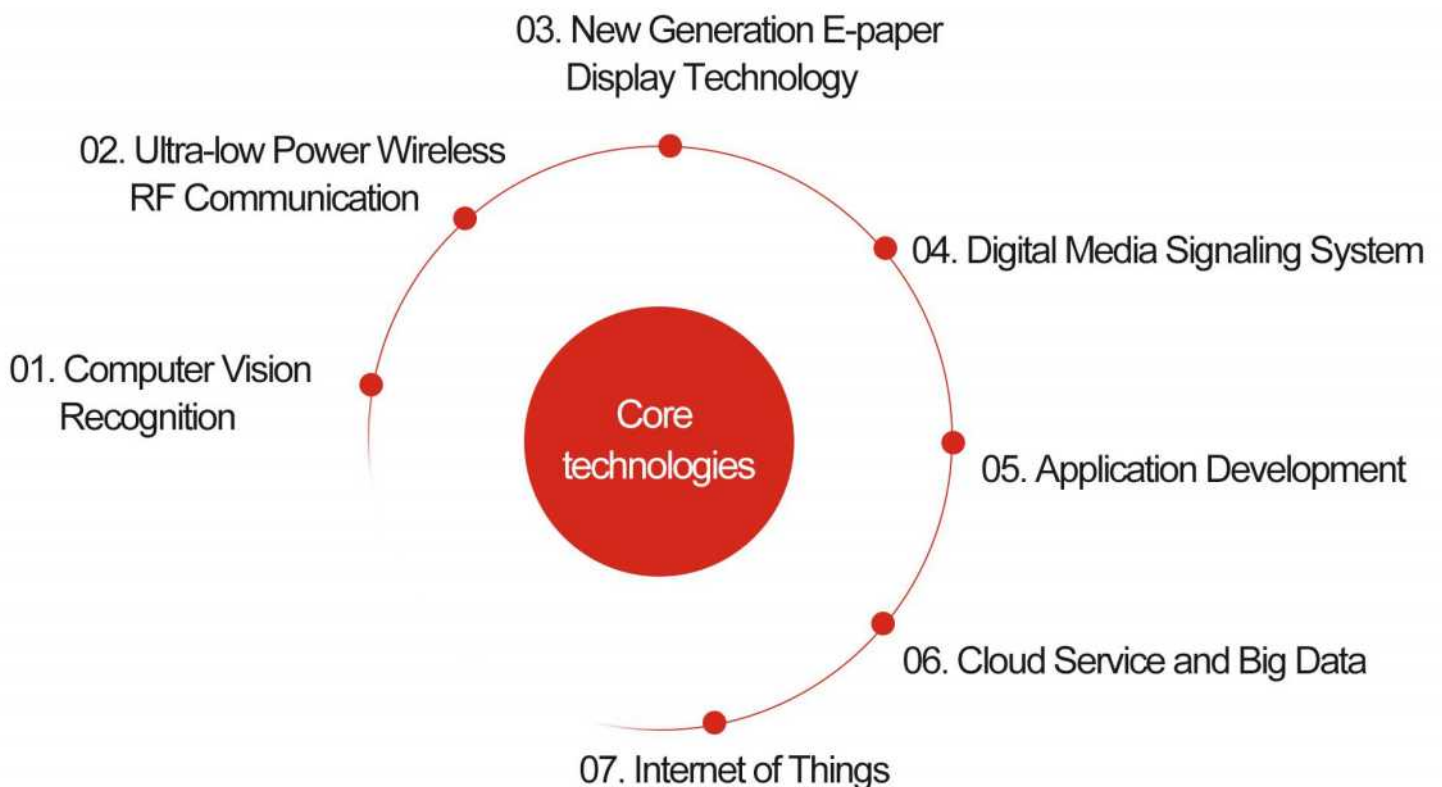
5000+
Stores

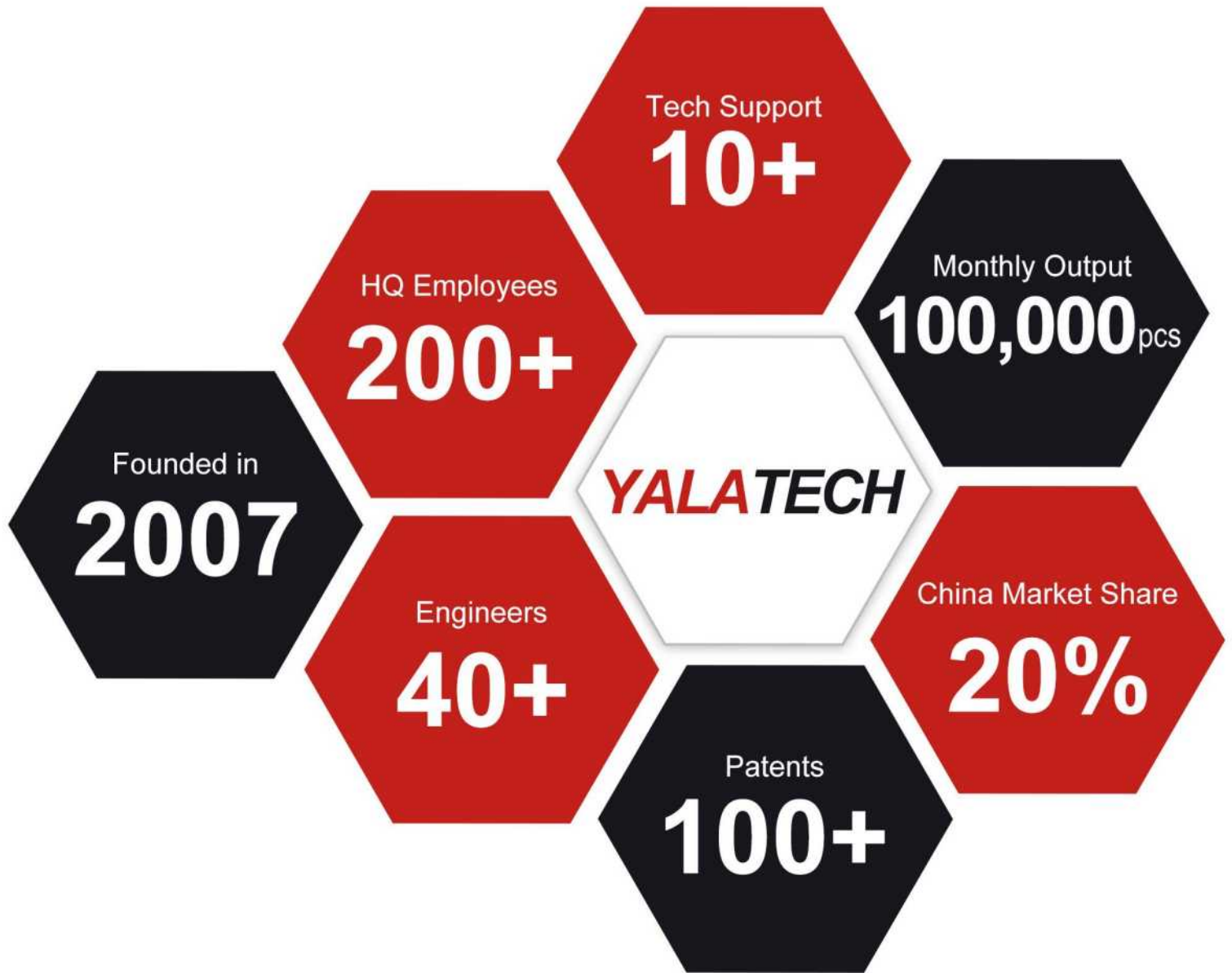
100+
Cooperative Brands

YALA Group (Yalatech, Yala display) was founded in 2007, we are one of the top 2 Electronic Shelf Label manufacturers in China with more than 20% market share.

In the past 15 years, we have served customers like Target, Walmart, Costco, Metro, Carrefour, CR Vanguard, Huawei, Xiaomi, Gome, Suning etc.

Based on our in-house design and manufacturing capability, we have always been and are committed to providing the most cost-effective solutions to our clients.





Brand Influence of YALATECH



Intel China Strategic
Partner in retail industry



ESL supplier of China's
No. 1 retailer CR Vanguard



China Mobile Smart
Store Strategy Partner



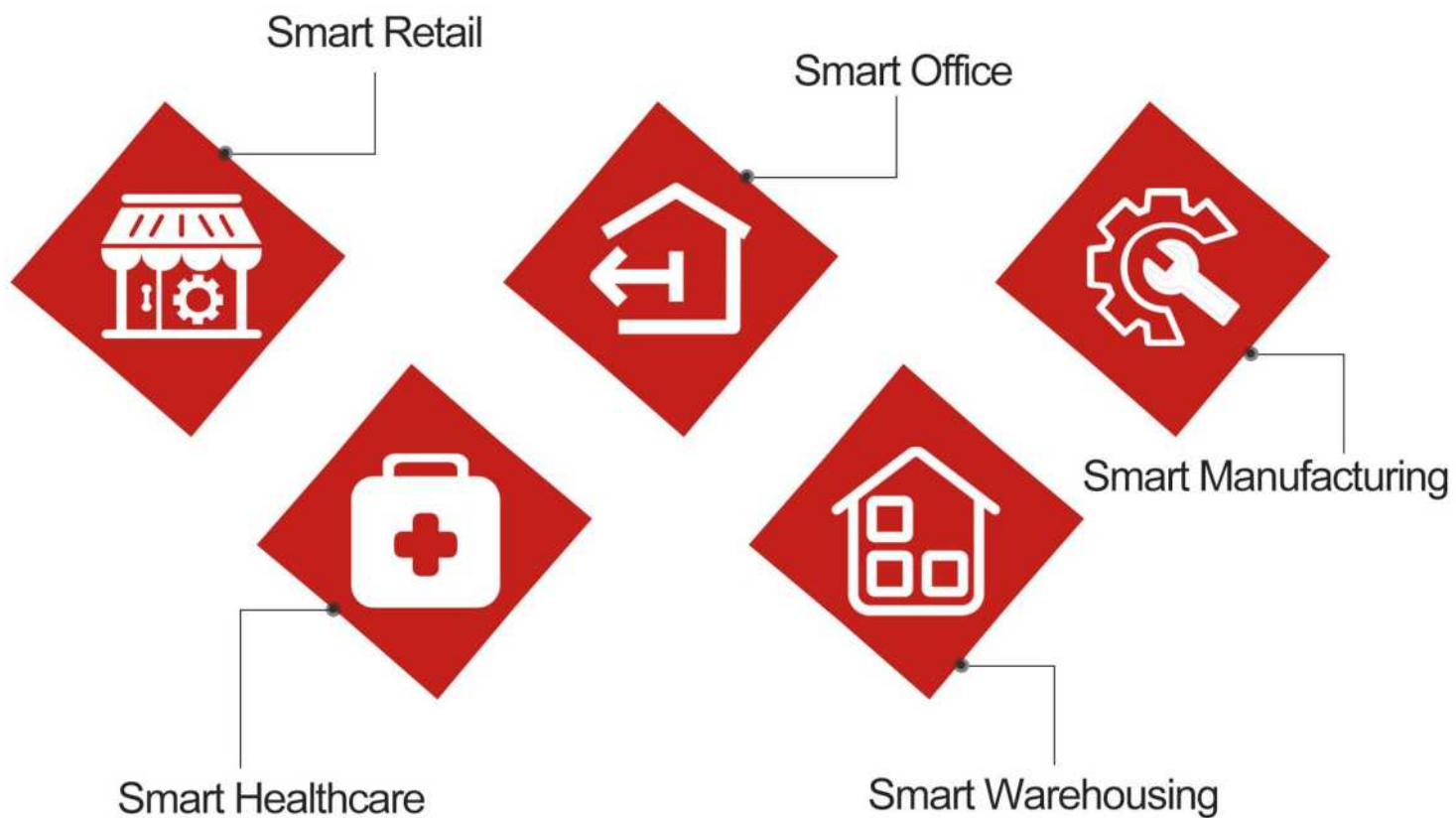
Microsoft Cloud
Strategic Partner

Multi-scenario Solution

Provider and Manufacturer for E-paper Products



Based on our success in the field of retail electronic shelf label, to meet the diversified needs of customers, our product line has expanded to 5 scenarios as below.



Product Matrix

According to the diversified needs of customers in different scenarios, we have formed a product matrix with strong advantages.

- Cloud ESL
- Warehousing Digital Labels
- Digital labels for workstation
- ESL Accessories
- Stand-alone ESL
- Digital labels for rooms
- E-paper Desktop Meeting Signage



01/ Cloud ESL

- High resolution fully graphic E-ink Display
- 2.4Ghz Zigbee private protocol
- Size: 1.54, 2.13, 2.66, 2.9, 3.5, 4.2, 5.83, 7.5 and 10.2inch
- Normal temperature/ Freezer series/ Waterproof series
- Enterprise-grade reliability and enhanced durability
- 10 year battery life
- With API for easy integration
- Cloud and on-premises deployment

Applicable Industries >>



Retail



Healthcare



Manufacturing



02/ Stand-alone ESL

- High resolution fully graphic E-ink Display
- Bluetooth and NFC communication technology
- No need base station, no need network
- With dedicated mobile APP
- Size from 2.13 to 10.2inch

Applicable Industries >>



Retail



Manufacturing



Education



Office



03/ Warehousing Digital Labels

- B/W E-ink Display
- 2.4Ghz Zigbee private protocol
- With specially designed housing and LED indicators
- Enterprise-grade reliability and enhanced durability
- With API for easy integration
- Cloud and on-premises deployment

Applicable Industries >>



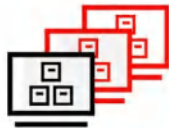
Retail



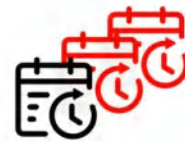
Warehousing



Automate Workflow



Cargo Status Surveillance



Shorten Operating Cycle



04/ E-paper Desktop Meeting Signage

- High resolution fully graphic E-ink Display
- 2.4Ghz Zigbee or Bluetooth communication technology
- Size: 7.5 and 10.2inch
- With dedicated mobile APP
- With API for easy integration

Applicable Industries >>



Office



Hotel





05/ Digital labels for rooms

- High resolution fully graphic E-ink Display
- 2.4Ghz Zigbee private protocol
- Size: 7.5 and 10.2inch
- With API for easy integration

Applicable Industries >>



Office



Hotel



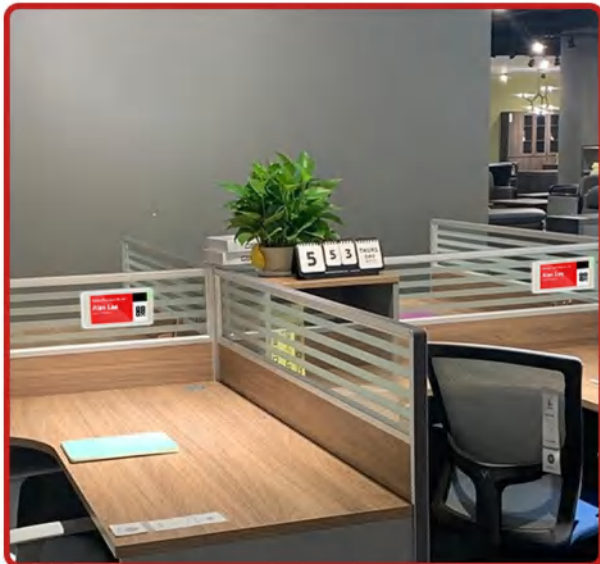
Healthcare



Education



Government



06/ Digital labels for workstation

- High resolution fully graphic E-ink Display
- 2.4Ghz Zigbee private protocol
- Size: 3.5/4.2/7.5 inch
- With API for easy integration

Applicable Industries >>

>>



Office



Education



07/ ESL Accessories

- More than 20 models
- Suitable for various scenarios
- Includes rails, supports, stands, clips, adaptor, hanger
- In house design and manufacture

Applicable Industries >>



Office



Retail



Manufacturing



Hotel



Healthcare



Education



Government

01 Value of our ESL



Price Management

- Real-time price update
- Price synchronization
- Information synchronization



Stock Management

- Connect with your ERP
- Online / offline information synchronization
- Automatic update on stock status



Interactive Marketing

- Customized QR codes
- NFC feature



Order Picking

- Route guidance
- Picking indicator

02 ESL hardware features



03 YALATECH CLOUD PLATFORM



SaaS architecture Cloud Platform

- Worldwide Coverage
- Enterprise-grade reliability
- Full Scalable Server Capacity
- Unlimited Stores Support
- 128 Bit AES Encryption
- With API for easy integration

Cloud ESL> Lite Series

Dot Matrix E-paper Display



YAL154 1.54" Screen

Minimal display: suitable for accessories, pharmaceuticals, perfumery, hygiene and beauty



- Dimension(mm): 53.5*38.8*15
- Screen(mm): 27*27
- Display color: B/W/R, B/W/Y, B/W
- Display Resolution: 200 x200 pixel
- Operate Temperature: 0 C°--40 C°
- Battery Life: 5-10 years

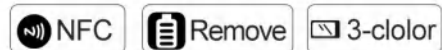


YAL213 2.13" Screen

Perfect in every type of department.



- Dimension(mm): 72.8*34.5*13
- Screen(mm): 48*23.1
- Display color: B/W/R, B/W/Y, B/W
- Display Resolution: 250 x122 pixel
- Operate Temperature: 0 C°--40 C°
- Battery Life: 5-10 years



YAL266 2.66" Screen

Perfect for texts and graphics visualization.



- Dimension(mm): 90.8*42.9*13
- Screen(mm): 60*30
- Display color: B/W/R, B/W/Y, B/W
- Display Resolution: 296 x152 pixel
- Operate Temperature: 0 C°--40 C°
- Battery Life: 5-10 years



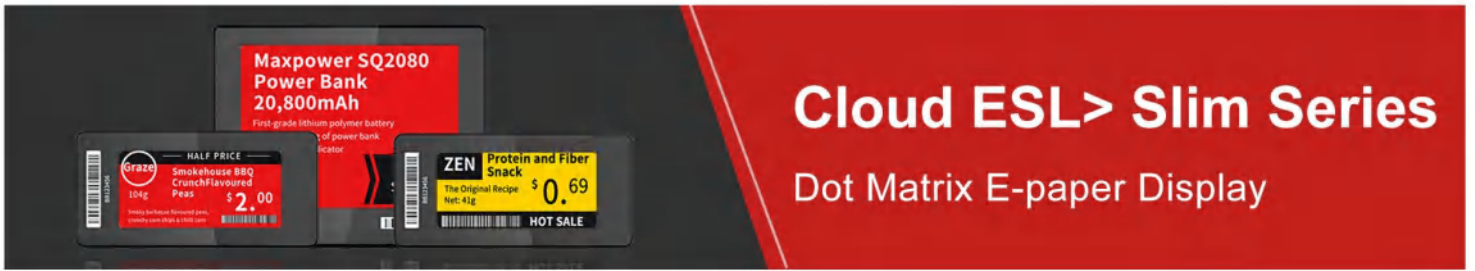
YAL29 2.9" Screen

Perfect for texts and graphics visualization.



- Dimension(mm): 90.8*42.9*13
- Screen(mm): 66.3*28.5
- Display color: B/W/R, B/W/Y, B/W
- Display Resolution: 296 x128 pixel
- Operate Temperature: 0 C°--40 C°
- Battery Life: 5-10 years



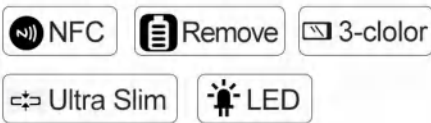


YAS213 2.13" Screen

Perfect in every type of department.



- Dimension(mm): 71*34.5*11.2
- Screen(mm): 48*23.1
- Display Resolution: 250 ×122 pixel
- Operate Temperature: 0 C°--40 C°
- Battery Life: 5-10 years

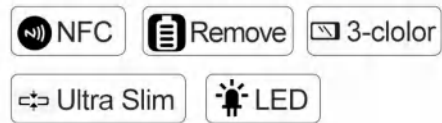


YAS29 2.9" Screen

Perfect for texts and graphics visualization



- Dimension(mm): 90.7*42.8*11.2
- Screen(mm): 66.3*28.5
- Display Resolution: 296 ×128 pixel
- Operate Temperature: 0 C°--40 C°
- Battery Life: 5-10 years

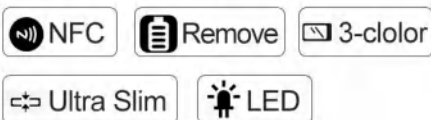


YAS42 4.2" Screen

Perfect for promotion stand, fruit & vegetables and appliances section.



- Dimension(mm): 118*83.8*11.2
- Screen(mm): 84.2*63
- Display Resolution: 400*300 pixel
- Operate Temperature: 0 C°--40 C°
- Battery Life: 5-10 years

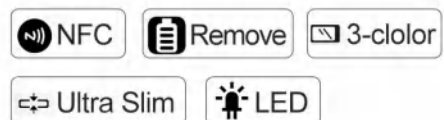


YAS75 7.5" Screen

Perfect for promotion stand, fruit & vegetables and appliances section.



- Dimension(mm): 183*118*11.2
- Screen(mm): 162.6*97.3
- Display Resolution: 640*384 pixel
- Operate Temperature: 0 C°--40 C°
- Battery Life: 5-10 years



Cloud ESL > Rock Series

Dot Matrix E-paper Display

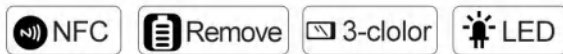


YAR35 3.5" Screen

Perfect for texts and graphics visualization.



- Dimension(mm): 99.5×50.0×12.9
- Screen(mm): 79.1×37.9
- Display Resolution: 184×384 pixel
- Operate Temperature: 0 C°--40 C°
- Battery Life: 5-10 years



YAR42 4.2" Screen

Perfect for promotion stand, fruit & vegetables and appliances section.



- Dimension(mm): 101.0×88.5×12.9
- Screen(mm): 84.2×63
- Display Resolution: 400×300 pixel
- Operate Temperature: 0 C°--40 C°
- Battery Life: 5-10 years

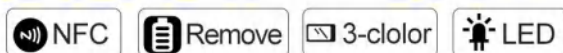


YAR583 5.83" Screen

Perfect for promotion stand, fruit & vegetables and appliances section.



- Dimension(mm): 136.0×112.1×12.9
- Screen(mm): 118.8×88.2
- Display Resolution: 648×480 pixel
- Operate Temperature: 0 C°--40 C°
- Battery Life: 5-10 years



YAR102 10.2" Screen

Perfect for promotion stand, fruit & vegetables and appliances section.



- Dimension(mm): 234.6×170.7×12.9
- Screen(mm): 215.52×143.86
- Display Resolution: 960×640 pixel
- Operate Temperature: 0 C°--40 C°
- Battery Life: 5-10 years



Cloud ESL> Freezer Series

Dot Matrix E-paper Display B/W

YAF266 2.66" Screen

Perfect to be used in freezers or refrigerators.



- Dimension(mm): 85.9*41.9*9.1
- Screen(mm): 60*30
- Display Resolution: 296*152 pixel
- Operate Temperature: -20 C°--40 C°
- Battery Life: 5-10 years
- Ingress protection grade: IP67



Cloud ESL> Waterproof Series

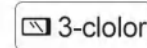
Dot Matrix E-paper Display

YAW42 4.2" Screen

Perfect to be used in wet area, such as sea food area.



- Dimension(mm): 118*83.8*11.2
- Screen(mm): 84.2*63
- Display Resolution: 400*300 pixel
- Display color: B/W/R, B/W/Y or B/W
- Operate Temperature: 0 C°--40 C°
- Battery Life: 5-10 years
- Ingress protection grade: IP68



ESL Gateway (Access Point)



High Capacity

Superior Coverage

Easy Installation

Safety & Stability

Specifications:

- Communication Distance: Indoor 30m radius, 2800 sqm coverage
- No. of ESL per base station: 5000pcs
- Communication Frequency Range: 2.4Ghz
- Communication Protocol: Zigbee 2.4G/TCP/IP
- Working voltage: DC 4.8-5.5V
- Interface: DC-in port, Ethernet port, POE support

Stand-alone ESL

NFC and bluetooth ESL for stand-alone application, not cloud or network application.



NFC and bluetooth ESL

- No base station needed
- No server needed
- No internet needed
- No training needed
- Out-of-the-box



Ideal for small businesses that have no IT department, no big budget

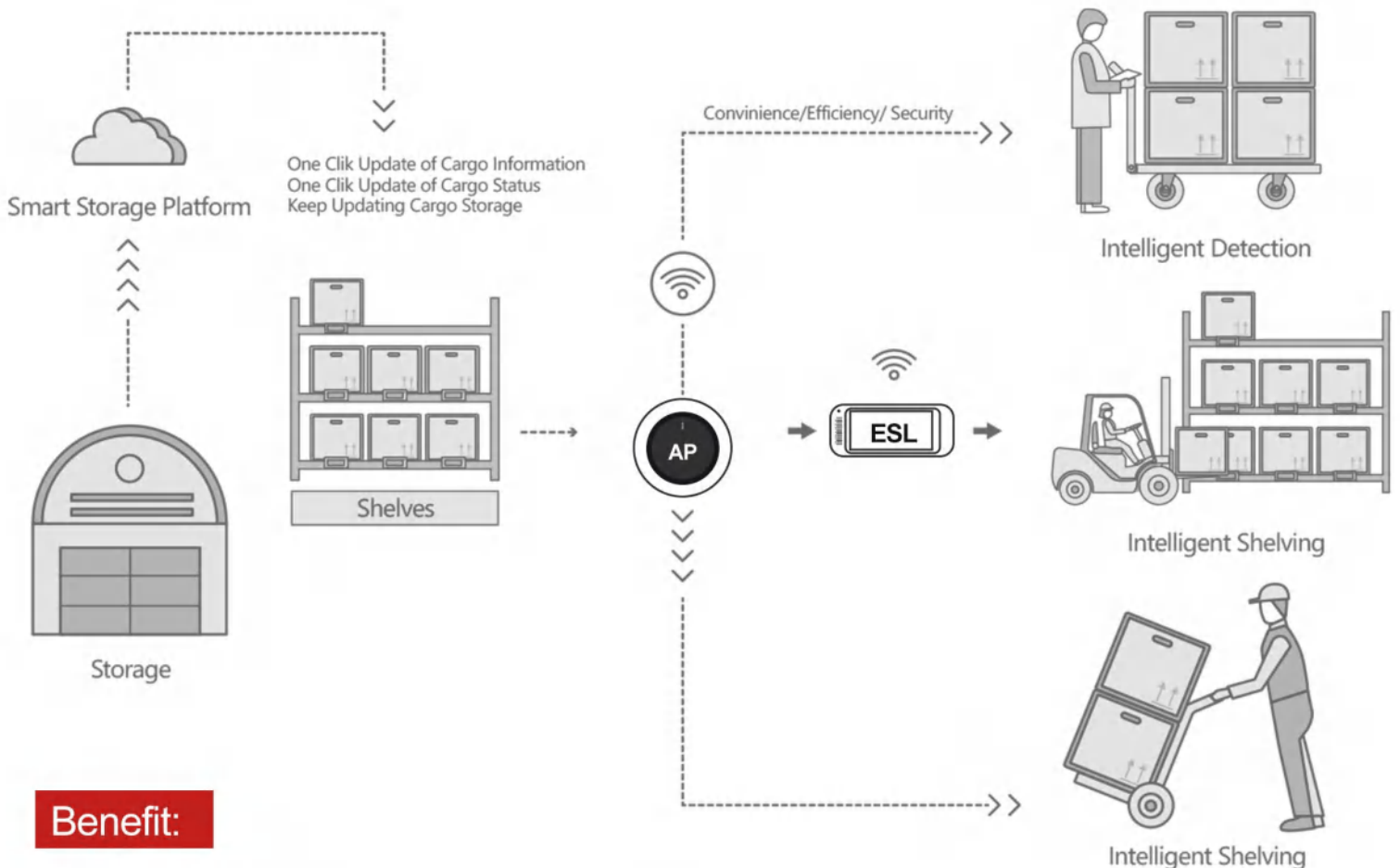


- High resolution fully graphic E-ink Display
- Editable Templates(Screen Display)
- Images, text, numbers,QR code can be displayed on the ESL screen
- With dedicated APP for mobile phone or PDA
- NFC pairing + data transfer by Bluetooth
- Size from 2.13 to 10.2inch, suitable for various scenarios

Warehousing Electronic Shelf Label Solution

2.66inch e-ink warehousing label

YalaTech Smart Warehouse Solution automates all materials & supplies, and operations in the warehouse. The solution enables you to improve work efficiency and achieve information management and visualization management.



Benefit:

- Save manpower.
- Real-time information updates, timely communication.
- Unified template, highly standardized.
- Long service life, energy-saving, and environmental protection.



ESL Accessories

We design and produce a variety of accessories to meet the installation and display needs of ESL tags in different scenarios. With our own design team and mold workshop, we can customize accessories according to your needs.

Rails



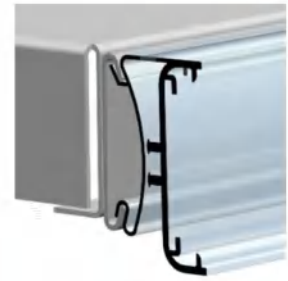
E-DT01

- For shelf data strip
- Color: Transparent



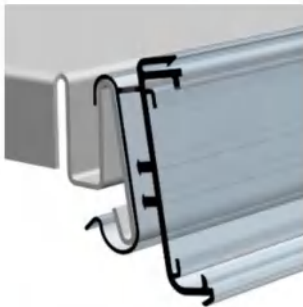
E-DT02

- For shelf data strip
- Color: Transparent



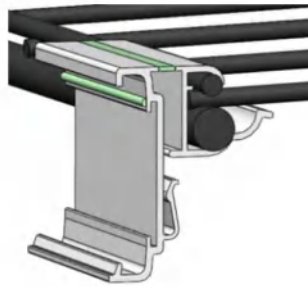
E-DT03

- For shelf data strip
- Color: Transparent



E-DT04

- For shelf data strip
- Color: Transparent



E-DT05

- For metal tube shelf edge
- Color: Transparent



E-DT06

- For wire edge hooker
- Color: Transparent

Hanging Kits



BOX-01

- Double-side ESL Hanging, no need promotion paper
- Options: Vertical & Horizontal
- Color: grey
- Material: PC
- Frame size: 160*210*37mm

Table Stand



ST-01

- Color: transparent
- Material: PC plastic



ST-02

- Color: transparent
- Material: PC plastic



ST-03

- Color: grey white
- Material: PC plastic



ST-04

- Height adjustable Floor Stand
- Height options
Min 150mm to max 280mm
Min 280mm to max 480mm
- Base Size: 135mm*135mm
- Color: Black
- Material: Steel & PC



ST-05

- Ideal case for deli section of a supermarket or bakery.
- Color: yellow or transparent
- Material: PC plastic



ST-06

- Small stand for small size ESL tag, used for 2.13, 2.66, 2.9inch digital price tag
- Color: transparent
- Material: PC plastic

Vertical Clip for Flat Surface



CL-02

- Clip mouth width: 0-15mm, suitable for hanger with diameter less than 15mm
- Thickness: 12-20mm
- Material: PC



CL-03

- Thickness: 12-20mm
- Color: transparent
- Material: PC

Clamps



E-CH01

- For esl clip ,holding on basket, shelf edge
- Rotatable angle
- Color: Black/Grey
- Insert part: W 9mm
- Height: 140mm



E-CH02

- For esl clip ,holding on basket, shelf edge
- Rotatable angle
- Color: Black/Grey
- Insert part: W 11mm
- Height: 140mm

Peg Hook



HOK-01/02

- Adjustable angle function
- Model number: HOK01: for diameter 3-6mm T hook
- Model number: HOK02: for diameter 6-9mm T hook
- Material: PC



HOK-03/04

- Model number: HOK03: for diameter 6mm hook
- Model number: HOK04: for diameter 8mm hook
- Adjustable angle function
- Material: PC



HOK-05/06

- Model number: HOK05: for diameter 1-3mm wire
- Model number: HOK06: for diameter 3-10mm wire
- Material: PC

To know more models and details, you are welcome to contact our sales to get the full list.

YALATECH SMART OFFICE SOLUTION

Optimize the use of your office space and improve the employee or customer experience



Real-time Schedules Right at the Door

Prevent the confusion and frustration caused by double bookings and take advantage of every available room.



Digital labels for workstation

Showing each seat's state precisely in the co-working spaces, maximize use of office space through improved visibility.

E-ink

E-ink
technology



5 years
battery life



Secure IoT
connectivity



Wireless
installation

E-Label

Technology: e-paper
Viewing angle: nearly 180°
Pixel colours: B/W/R or B/W/Y
LED : 7 colors
Battery life: 5 years
Encryption: AES 128 bits
Communication: 2.4Ghz/ NFC / Bluetooth

Access point

Frequency: 2.4 Ghz
Range: Indoor 30m radius, 2800 sqm coverage
Communication Protocol: Zigbee 2.4G/TCP/IP
Working voltage: DC 4.8-5.5V
Interface: DC-in port, Ethernet port, POE support

Easy to Install - Just Like A Sticky Note

It can easily attach on almost any surface.



Sticker



Bracket



Magnet

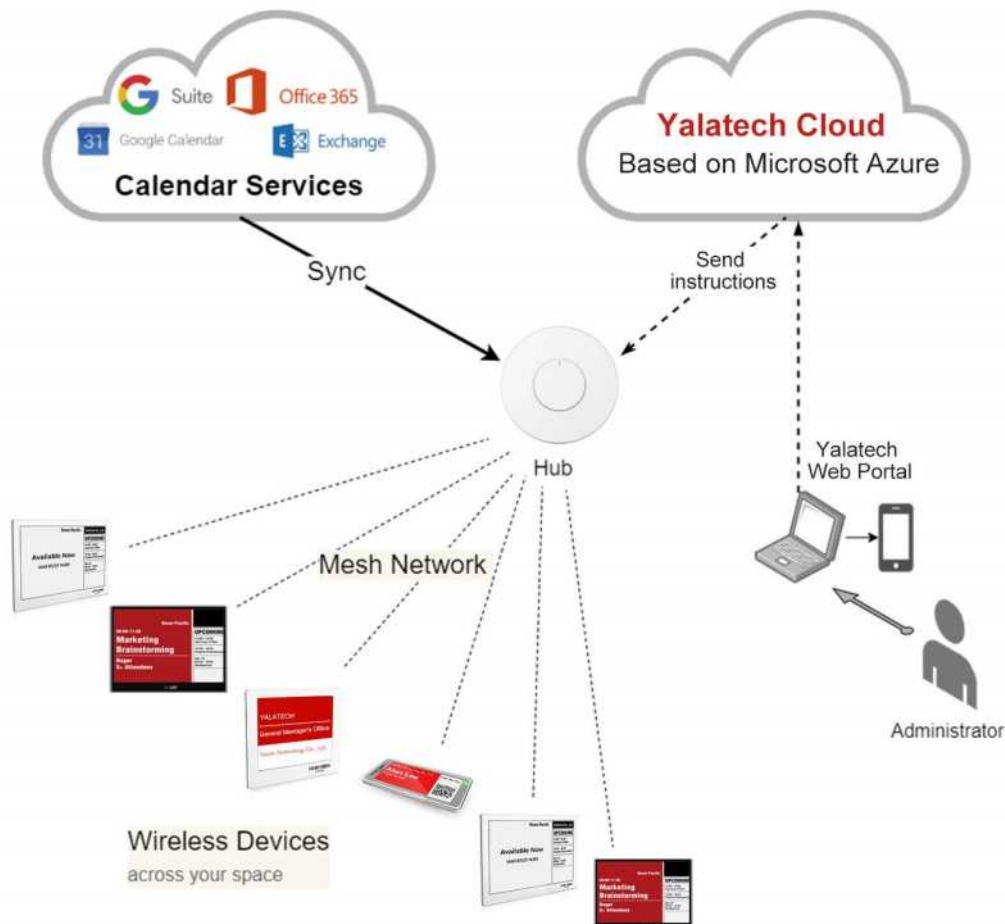
“2 solutions to meet different needs”

01

SMART OFFICE SOLUTION(NETWORK VERSION)

Manage your space by this always up-to-date signage.

- Base station and network needed
- Sync with your existing calendars
- With API to integrate your systems
- Manage the device from web portal

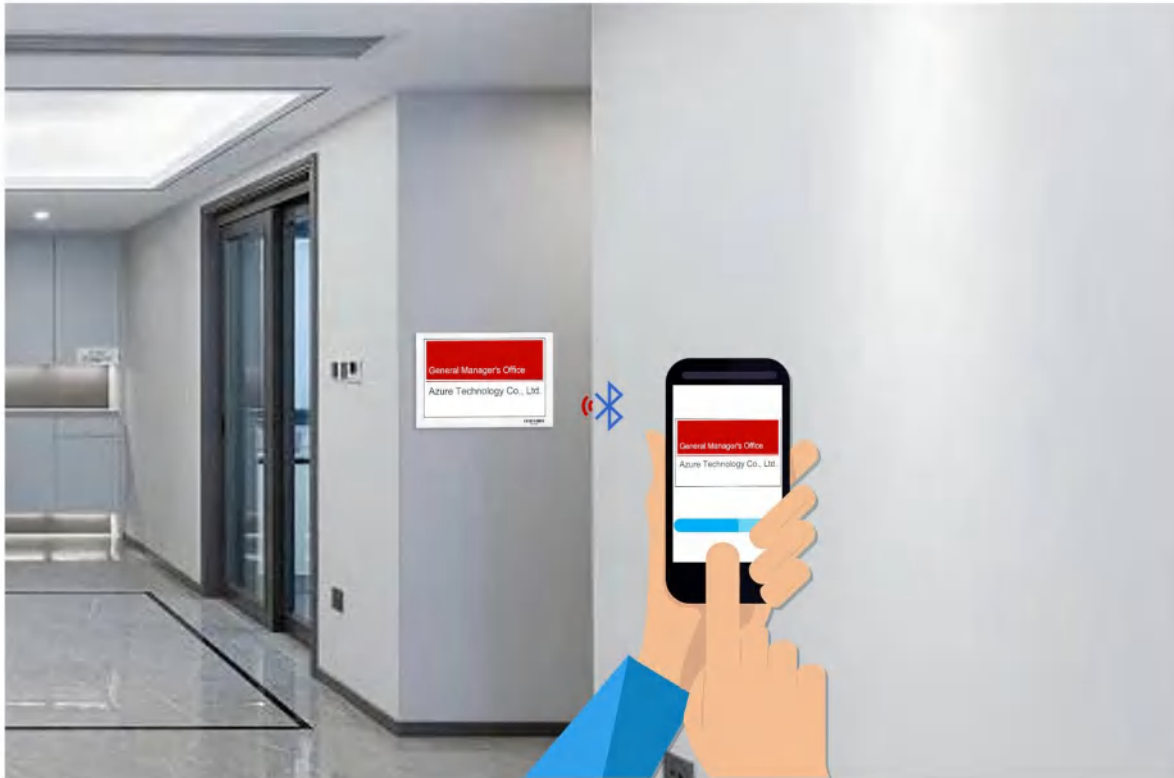


02

SIMPLE OFFICE SOLUTION(STAND-ALONE VERSION)

A reusable digital sign to replace traditional plastic sign.

- Not frequently updated usage
- Update it by your phone
- No need base station, no need network
- With dedicated APP



One Size Does Not Fit All

Digital labels for workstation

- 2.6": 90×43×11 mm
- 2.9": 90×43×11 mm
- 3.5": 99×50×12 mm
- 4.2": 118×84×11 mm

Digital labels for rooms

- 5.83": 136×112×13 mm
- 7.5": 183×118×11 mm
- 10.2": 234×170×13 mm

E-paper Desktop Signage

Electronic Paper Display



App controlled Bluetooth Desktop Signage (7.5 or 10.2 inch)

Can be used in reception desk or any places where a signage is required.

- Electronic Paper Display
- Reusable, 5 years life span
- No wiring required
- No Internet required
- With dedicated APP



How it works



With a low cost bluetooth gateway provided by us, it enable you to update 100pcs signage in batch within 30 minutes.



Ultra low power consumption



Easy deployment



Easy remote management



Fast refresh

Product models



7.5inch double sided

EPD meeting signage

Model: YA-ME-75D



7.5inch single sided

EPD meeting signage

Model: YA-ME-75S



10.2inch double sided

EPD meeting signage

Model: YA-ME-102D



10.2inch single sided

EPD meeting signage

Model: YA-ME-102S

The Main Technology Behind our Product

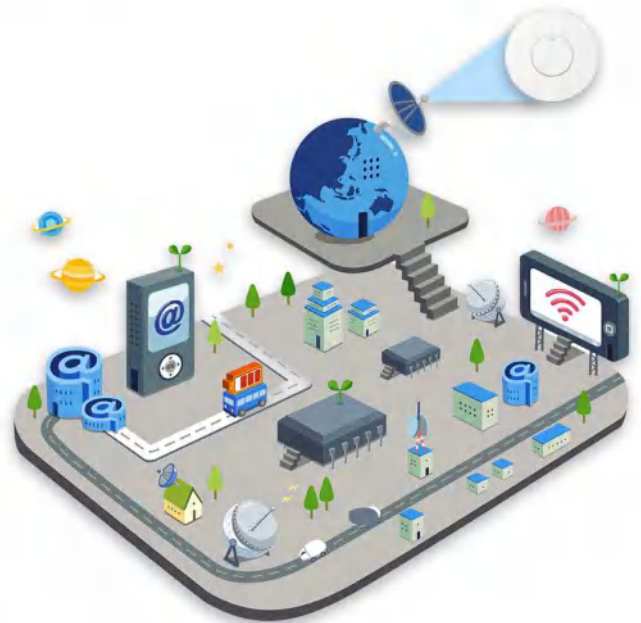
| Core Technical Advantages |

01

Wireless RF Communication

10+ Years Wireless Communication Technology

- Private protocol based on 2.4G technology
Ensure no interference and communication security;
Automatic channel selection for stable use of ESL.
- Seamless roaming connectivity
Ad hoc networking for seamless roaming connectivity;
- Auto Connect & load balance
Automatically connection between ESL and base station.
- NFC + Bluetooth direct update
For non-base station condition use with mobile phone.

**02**

Ultra Low Power Solution

Smart algorithm that is efficient and power-saving.

- Low Power Display
E-ink display enables up to 10 years usage.
- Smart sleep and wake-up algorithm
The smart sleep and wake-up algorithm of ESL enables less power consumption and 50%+ increase in battery life.
- The third generation compression algorithm
The image transmission compression rate is 70%-75%, without sacrificing the display quality, saves more power for ESL for longer use.

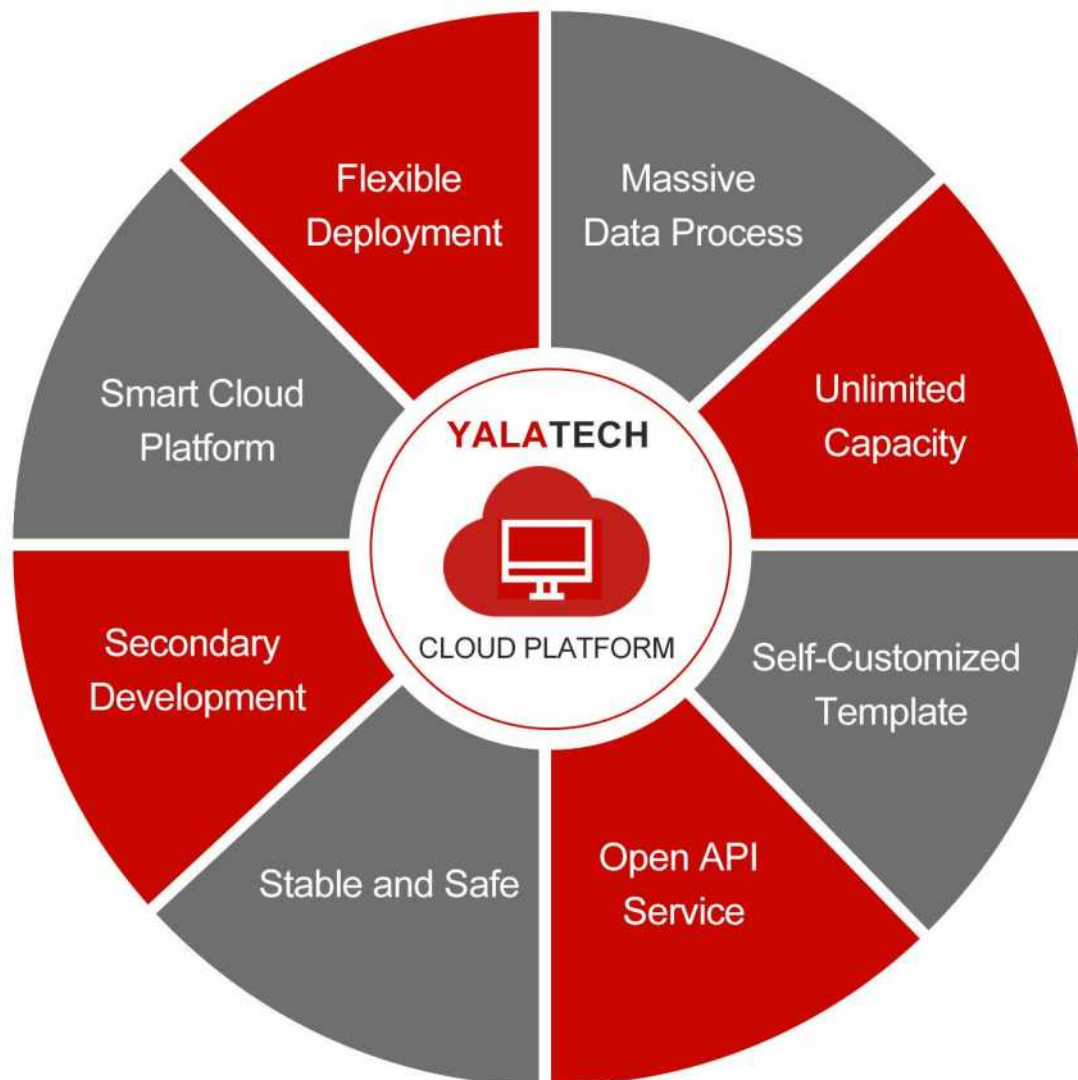


The Main Technology Behind our Product

| Core Technical Advantages |

YALATECH SMART CLOUD

SaaS architecture Cloud Platform that has high reliability, stability, safety, efficiency, compatibility and extensibility.



To know more about our technologies, you can download our Electronic Shelf Label Technical White Paper from <https://www.yalatechnology.com/support/downloads>

► Why choose us?

01

We are a company with long-term strategies and sustainable development

Founded in 2007, we started from the design and manufacturing of Retail Display products, now we have 300+ distributors and 5000+ store users all over the world.



02

We are a well-known brand in Retail Technology Industry of China

YalaTech was selected as the supplier of Electronic Shelf Label by CR Vanguard, the number one retailer in China, a Fortune Global 500 enterprise with 95.1 billion annual sales revenue in 2019.



03 In-house capabilities from hardware to software

R&D strength

YalaTech has strong technical accumulation in research and development, which brings market-competitive products and solutions to customers.



R&D personnel account for more than 30%



100+ inventions and patents



10+ Senior Product Manager

In-house manufacturing

With our own SMT/DIP production lines, injection and assembly lines, we can produce any part of the ESL system.



Customized service for hardware and software

Housing
customize

Logo
customize

Accessories
customize

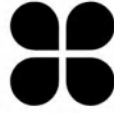
Software
customize



Service for Partner A Complete Set of Services



Solution Consultant



Project Support



Subsidy Support



Technical Support



Maintain and Upgrade



Training Service

Level Up Partners' Competitiveness

To help our partners outperform competitors and win more business, Yalatech has developed various incentive packages to help them proceed our long-standing program across the globe, and entry more markets.

Know more about our incentive packages, you can contact our sales to get it.



▶ Customer cases



HUAWEI

Country: UK
Sector: Electronic Stores
Year of installation: 2021



Carrefour

Country: United Arab Emirates
Sector: Chain Super market
Year of installation: 2019



Metro

Country: Slovakia
Sector: Chain Super market
Year of installation: 2020



JD.COM

Sector: E-commerce Chain Stores
Country: China
Year of installation: 2020



China Telecom

Sector: Telecom business hall
Country: China
Year of installation: 2020



CR Vanguard

Sector: Chain Super market
Country: China
Year of installation: 2021

CONTACT US



YALATECHIOT



YALATECHIOT



YALATECH




YALATECH



<http://yalatechnology.com>

YalaTech Co., Ltd.

 Add: No. 38, Qide Road, Baiyun District, Guangzhou, Guangdong, China

 Tel: +86-20-31177067

 sales@yalatechnology.com

 <http://yalatechnology.com>



Website



WeChat Public Account