

# แค็ตตาล็อกระบบป่ายดิจิทัล E-Sign E-Label Catalogue



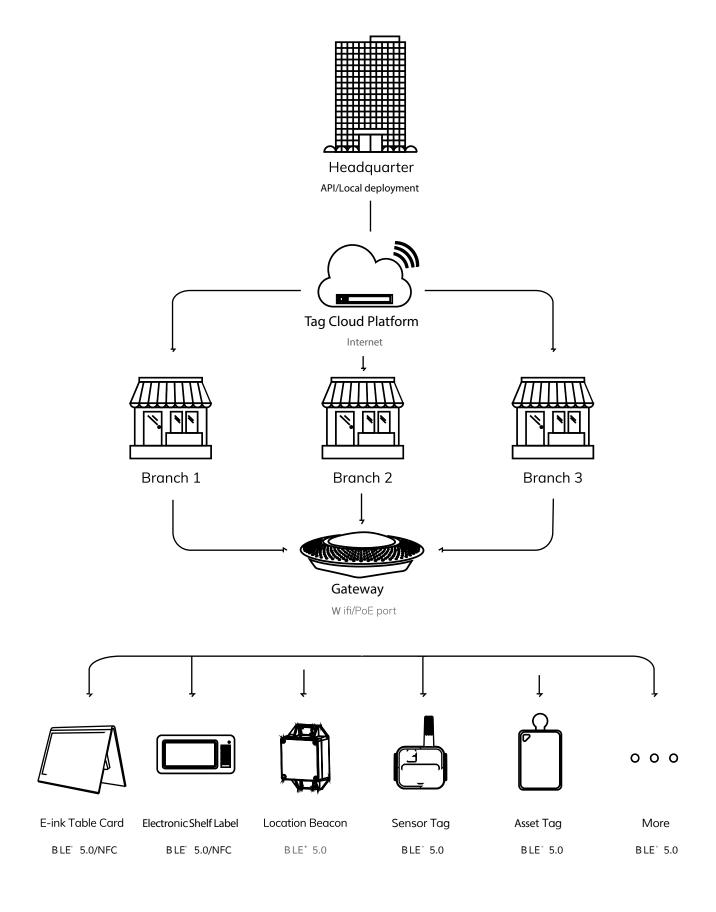




# **PrezonTag Solution Overview**

As a one-stop IoT solution provider, Minew's product ecosystem covers multiple aspects including the IoT nsing layer, transmission layer, platform layer, and application layer. Through the one-stop MinewTag solution built by hardware and software products, it has already been applied in various fields such as offices, industrial warehousing, healthcare, retail, buildings, and smart cities.





# **Digital Retail Solution**

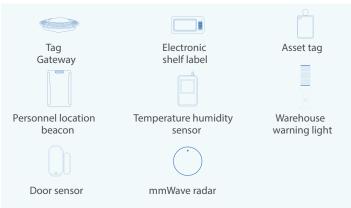
One-click price adjustment and multi-store linkage achieve synchronized prices and goods management, and help the digital transformation of the new retail industry.

### Retail Scene



### Main Functions



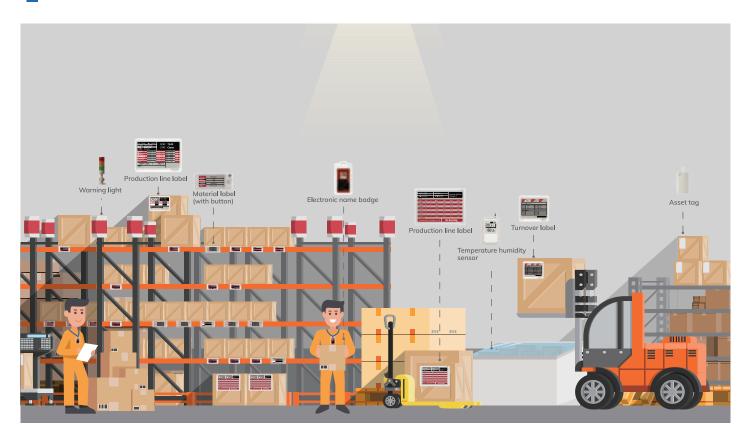




# **Digital Warehouses Solution**

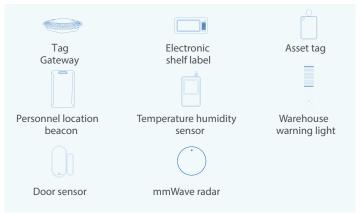
Unified goods management, goods process monitoring, inbound and outbound inventory forecasting; realizing warehouse informatization, visualization, and predictability.

### Warehouse Scene



### Main Functions

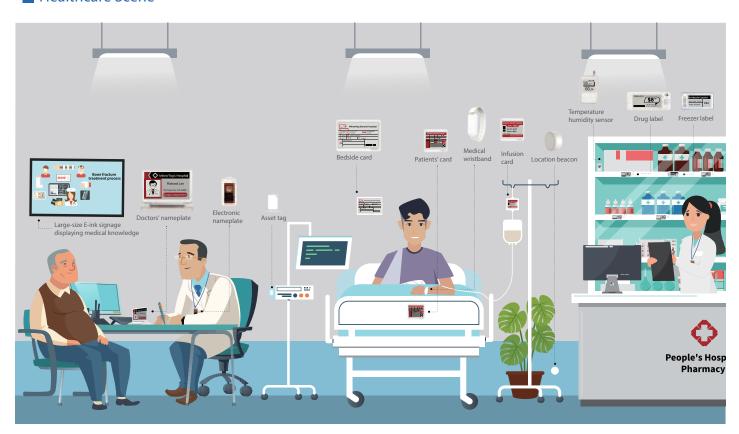




# **Digital Healthcare Solution**

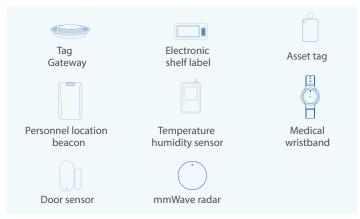
Remote real-time updates of patient information are used to link hospital items, achieve information synchronization, and make hospital information managament more efficient and convenient.

### Healthcare Scene



### Main Functions







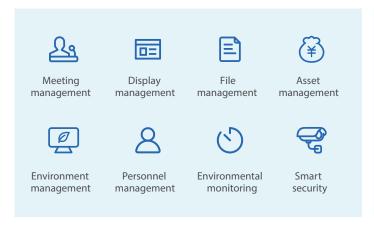
# **Digital Office Solution**

Strengthen information display management under different office scenarios to make information communication more efficient.

### Office Scene



### Main Functions

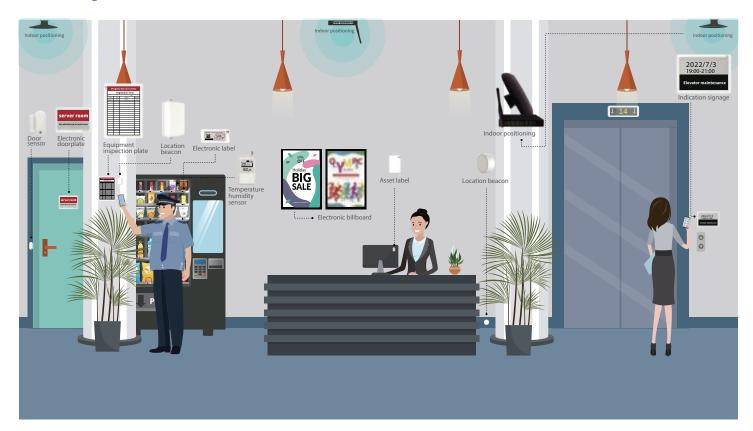




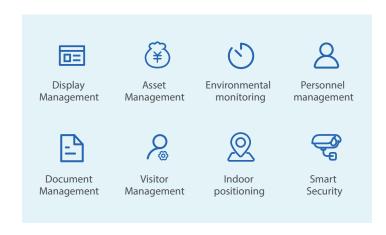
# **Digital Building Solution**

Unification and standardization of building information displays, enhanced media display tools, building environment monitoring, and security management.

### Building Scene



### Main Functions





# **Prezon Product Line**

Prezon has formed a complete product line of Bluetooth sensors, IoT modules, IoT gateways, electronic shelf labels, and supporting cloud platforms. By building a comprehensive layout with product hardware and software development and design capabilities and lean production lines, Minew have established a complete product ecosystem.



Electronic Shelf Label

IoT Gateway

Bluetooth Sensor

IoT Module

### **Electronic Shelf Label**

Electronic shelf label is a low-power E-ink display device which can replace the traditional paper label and has the function of sending and receiving data. MinewTag has developed and produced electronic shelf labels with full screen sizes including but not limited to 1.54", 2.13", 2.66", 2.9", 3.5", 4.2", 5.8", 7.5", and 11.6". MinewTag' s Electronic shelf labels of various features, including double-sided display, full-color display, customized buttons, low temperature resistance, and waterproof, meet the display needs in office, manufacturing, warehouse, retail, and healthcare.



**≵**5.0 Fa

### Bluetooth 5.0 technology

Fast screen refresh & secure data transfer



### DIY template

Supporting the customization of QR codes, bar codes, images, and color blocks



### Electronic ink screen

Low-power, long lifespan, power-off display, 180° viewability



### Multi-color LED light

Manage the color, brightness, and duration of the LED light to improve picking efficiency



### Multi-color display

 $BWR\,/\,BWY\,/\,7\text{-color displays optional}$ 



### Sreen refresh in seconds

Instant information synchronization online and offline via one click  $\,$ 



### Ultra-long service life

Battery are replaceable for longer usage



### Multi-terminal management

Flexible management via PC software and mobile App



### Waterproof & splashproof

IPX5 & IPX7 certified, durable in wet conditions



### NFC function optional

Expand more applications with NFC function



# Hot Product-WS075



# **Show Infinity in Dual Screens**

V-shaped Digital Conference Sign WS075

### Applications









### Features



V-shaped table card



Bluetooth \*5.0 technology



7.5-inch double E-ink screens



Dual displays



Charging with Type-C



Multi-color LED light



High hardness protection lens



Aluminum alloy shell

Shell material	6063-T6 Aluminum Alloy, AC2300	Shell color	Silver-white
Dimension	179.5*123.3*88.3 mm	Screen size	7.5 inches
Display technology	EPD	Display screen size	163*97.6 mm
Resolution	800*480 px	Pixel density	124 dpi
Weight	373 g	Battery lifetime	Lasts for 8 months with one charge (5 updates / day)
Fixing ways	Place without accessories	Display color	Black/White/Red

# **RS Series 7-Color E-paper Sign**

More Colors, More Design Freedom!



RS075 7-Color Single-screen E-paper Sign

### Features



7-color display



7.3-inch large screen



Bluetooth \*5.0 technology



Replaceable battery



2.5D Protection Lens



7-color LED light



DIY templates



Multi-channel management

Shell material	AC2300	Shell color	White
Dimension	182.5*128.9*16.3 mm	Screen size	7.3 inches
Display technology	EPD	Display screen size	159.6*95.6 mm
Resolution	800*480 px	Pixel density	127 dpi
Weight	293 g	Battery lifetime	5 years (batteries are replaceable)
Accessories	Stands/Hooks	Display color	Black/White/Red/Yellow/Blue/Green/Orange





RS075V 7-Color Dual-screen E-paper Sign

### Features



7-color display



7.3-inch dual screens



Bluetooth \*5.0 technology



Aluminum alloy shell



2.5D Protection Lens



7-color LED light



DIY templates



Multi-channel management

Shell material	6063-T6 Aluminum Alloy, AC2300	Shell color	Silver-white
Dimension	179.5*123.3*88.3 mm	Screen size	7.3 inches
Display technology	EPD	Display screen size	159.6 * 95.7 mm
Resolution	800*480 px	Pixel density	127 dpi
Weight	380 g	Battery lifetime	Lasts for 8 months with one charge (5 updates / day)
Fixing ways	Place without accessories	Display color	Black/White/Red/Yellow/Blue/Green/Orange

# DS Series Ultra-thin Electronic Shelf Label



**DS02**6

2.6-inch Ultra-thin Electronic Label

### Applications







### Features



7.8mm ultra-thin body



Bluetooth \*5.0 technology



8-year lifespan



2.5D protection lens



7-color LED light



Multi-color E-ink screen



Multi-channel management



DIY templates

Shell material	ABS+PC	Shell color	White
Dimension	84.6*41*7.8 mm	Screen size	2.66 inches
Display technology	EPD	Display screen size	60.1*30.7 mm
Resolution	152*296 px	Pixel density	125 dpi
Weight	30 g	Battery lifetime	8 years (5 updates / day)
Fixing ways	Rails, Stickers	Display color	Black/White/Red







DS021 is the smallest electronic shelf label of the DS series. With a small size and ultra-thin body, it is suitable for diverse scenarios such as retail and warehousing.

### Specification

Dimension	71*35*9.4 mm	Screen size	2.13 inches
Display technology	EPD	Weight	33 g
Battery lifetime	8 years (5 updates / day )	Display color	Black/White/Red





DS035 is a 3.5-inch super-thin ESL independently developed by MinewTag, utilizing the latest Bluetooth Low Energy 5.0 Technology. It features a 9.8mm ultra-thin design, secure and fast data transfer, and agile, flexible screen refresh.

### Specification

Dimension	99.5*49.5*9.8 mm	Screen size	3.5 inches
Display technology	EPD	Weight	45 g
Battery lifetime	6 years (batteries are replaceable)	Display color	Black/White/Red





DS116 is a 11.6-inch ultra-thin E-paper sign independently developed by MinewTag for office signs, industrial storage signs, retail promotions and other information display scenarios.

Dimension	263.8*193.8*8.2 mm	Screen size	11.6 inches
Display technology	EPD	Weight	495 g
Battery lifetime	5 years (batteries are replaceable)	Display color	Black/White/Red

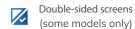
# Supergalaxy Series

Supergalaxy series performs well in smart labeling while significantly optimized in the price and store operations, standing out with super low price, super thin volume and super elegant appearance. Our Supergalaxy series is your perfect choice to reduce cost while boosting margin, helping you build up intelligent management system of your business and creating enterprise image.











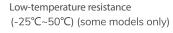




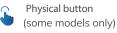


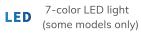
	STag 21	STag 21F	STag 26	STag 29
Dimensions External	73*36*14 mm	72*39*15 mm	87 * 43 *13 mm	94*43*12 mm
Active Screen Area	49*24 mm	49*24 mm	60*31 mm	67*29 mm
Screen Size	2.13 inches	2.13 inches	2.66 inches	2.9 inches
Resolution	250*122	250 * 122	296 * 152	296*128
Pixel Density	130 dpi	130 dpi	125 dpi	112 dpi
Weight	31 g	35 g	38 g	38 g
Display Colour	BWR/BWY/BW	BW	BWR/BWY/BW	BWR/BWY/BW
Battery Type	CR2450 * 2	Specific low temperature battery	CR2450 * 2	CR2450 * 2
Battery Lifetime	5 Years (5 updates/day)			
Display Technology	EPD	EPD	EPD	EPD
Communication Protocol	Bluetooth <sup>®</sup> Low Energy 5.0	Bluetooth <sup>*</sup> Low Energy 5.0	Bluetooth <sup>®</sup> Low Energy 5.0	Bluetooth <sup>®</sup> Low Energy 5.0
Viewing Angle	Near 180° Viewing Angle	Near 180° Viewing Angle	Near 180° Viewing Angle	Near 180° Viewing Angle
Operating Temperature	0 °C - 50 °C	-25 °C - 25 °C	0 °C - 50 °C	0 °C - 50 °C
Storage Temperature	-20 °C -60 °C	-25 °C -60 °C	-20 °C -60 °C	-20 °C -60 °C
Function	NFC (Optional)	NFC (Optional) / IPX7	NFC (Optional)	NFC (Optional)
Fixing Ways	Shelf Rail/Bracket/Ice Plug etc.	Shelf Rail/Bracket etc.	Shelf Rail/Bracket/Ice Plug etc.	Shelf Rail/Bracket/Ice Plug etc.
Compliance	BQB/FCC/CE/RoHS	BQB/FCC/CE/RoHS	BQB/FCC/CE/RoHS	BQB/FCC/CE/RoHS





















STag 29A	STag 42	STag 58	STag 75	STag 116
103 * 43 * 13 mm	105 * 94 * 14 mm	140 * 120 * 14 mm	180* 100 *143 mm	272 * 196 * 14 mm
67*29 mm	85 * 64 mm	119 * 88 mm	163 * 97 mm	245* 163 mm
2.9 inches	4.2 inches	5.8 inches	7.5 inches	11.6 inches
296 * 128	400 * 300	648 * 480	800 * 480	960 * 640
112 dpi	120 dpi	138 dpi	124 dpi	100 dpi
42 g	92 g	146 g	313 g	416 g
BWR/BWY/BW	BWR/BWY/BW	BWR/BWY/BW	BWR/BWY/BW	BWR/BWY/BW
CR2450 * 2	CR2450 * 4	CR2450 * 4	AAA*4	Rechargeable battery(Optional)
5 Years (5 updates/day)	5 Years (5 updates/day)	5 Years (5 updates/day)	4 Years (5 updates/day)	5 Years (5 updates/day)
EPD	EPD	EPD	EPD	EPD
Bluetooth Low Energy 5.0	Bluetooth® Low Energy 5.0	Bluetooth <sup>*</sup> Low Energy 5.0	Bluetooth® Low Energy 5.0	Bluetooth <sup>*</sup> Low Energy 5.0
Near 180° Viewing Angle	Near 180° Viewing Angle	Near 180° Viewing Angle	Near 180° Viewing Angle	Near 180° Viewing Angle
0 °C - 50 °C	0°C - 50°C	0 °C - 50 °C	0 °C - 50 °C	0 °C - 50 °C
-20 °C -60 °C	-20 °C -60 °C	-20 °C -60 °C	-20 °C -60 °C	-20 °C -60 °C
Interaction Button/NFC (Optional)	NFC (Optional)	NFC (Optional)	Dual-side display/ Foldable/NFC (Optional)	NFC (Optional)
Shelf Rail/Bracket etc.	Bracket/Ice Plug etc.	Bracket/Ice Plug etc.	T-shaped Stands	Bracket/Hanging/ Wall-mounting etc.
BQB/FCC/CE/RoHS	BQB/FCC/CE/RoHS	BQB/FCC/CE/RoHS	BQB/FCC/CE/RoHS	BQB/FCC/CE/RoHS

Note: 1. The colors of the electronic ink screen marked here are black, white and red. For more information, please consult the business manager.

2. If there is any update, the actual product manual shall prevail.

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# **Mercurius Series**

Mercurius series is a versatile electronic tag series based on Bluetooth 5.0 technology, effectively presenting and real-time updating the information. With the available choice in the color of E-paper display (EPD), Mercurius series can be applied to different solutions involving information presentation. Our certified tags are worthy of your trust, helping your business become smarter, easier and better.









IPX5/IPX7 certified (some models only) Waterproof and dustproof

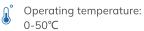




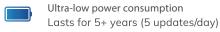


	MTag 15	MTag 21	MTag 29
Dimensions External	36 * 46 * 14 mm	68 * 35 * 14 mm	91 * 41 * 14 mm
Active Screen Area	27 * 27 mm	49*24 mm	67*29 mm
Screen Size	1.54 inches	2.13 inches	2.9 inches
Resolution	152*152	250 * 122	296*128
Pixel Density	142 dpi	130 dpi	112 dpi
Weight	21 g	34 g	45 g
Display Colour	BWR/BWY/BW	BWR/BWY/BW	BWR/BWY/BW
Battery Type	CR2450 * 1	CR2450 * 2	CR2450 * 2
Battery Lifetime	5 Years (1 updates/day)	5 Years (5 updates/day)	5 Years (5 updates/day)
Display Technology	EPD	EPD	EPD
Communication Protocol	Bluetooth® Low Energy 5.0	Bluetooth® Low Energy 5.0	Bluetooth* Low Energy 5.0
Viewing Angle	Near 180° Viewing Angle	Near 180° Viewing Angle	Near 180° Viewing Angle
Operating Temperature	0 °C - 50 °C	0 °C - 50 °C	0 °C - 50 °C
Storage Temperature	-20 °C -60 °C	-20 °C -60 °C	-20 °C -60 °C
Function	NFC (Optional)	NFC (Optional)	NFC (Optional)
Water Features (IP Rating)	IPX5	IPX5	IPX5
Fixing Ways	Shelf Rail etc.	Bracket/Ice Plug/Shelf Rail etc.	Bracket/Ice Plug/Shelf Rail etc.
Compliance	BQB/FCC/CE/RoHS	BQB/FCC/CE/RoHS/MIC	BQB/FCC/CE/RoHS

















MTag 42	MTag 58	MTag 75
99*94*14 mm	136 * 118 * 16 mm	183 * 129 * 16 mm
85 * 64 mm	119 * 88 mm	163 * 98 mm
4.2 inches	5.8 inches	7.5 inches
400 * 300	648 * 480	800 * 480
119 dpi	138 dpi	124 dpi
110 g	180 g	293 g
BWR/BWY/BW	BWR/BWY/BW	BWR/BWY/BW
CR2450 * 4	CR2477 * 4	CR2477 * 6
5 Years (5 updates/day)	5 Years (5 updates/day)	5 Years (5 updates/day)
EPD	EPD	EPD
Bluetooth* Low Energy 5.0	Bluetooth® Low Energy 5.0	Bluetooth® Low Energy 5.0
Near 180° Viewing Angle	Near 180° Viewing Angle	Near 180° Viewing Angle
0 °C - 50 °C	0 °C - 50 °C	0 °C - 50 °C
-20 °C -60 °C	-20 °C -60 °C	-20 °C -60 °C
NFC (Optional)	NFC (Optional)	NFC (Optional)
IPX7	-	-
Bracket/Ice Plug etc.	Bracket/Ice Plug etc.	Bracket/Hook etc.
BQB/FCC/CE/RoHS	BQB/FCC/CE/RoHS	BQB/FCC/CE/RoHS

# **Asset Management Solution**

In order to solve the problem of discrepancies between accounts, unclear accounts, and accounts in the management of important assets in enterprises and institutions, MinewTag establishes a daily supervision and management system for asset management through the asset label and its accompanying asset man agement cloud platform. This system covers inventory, data statistics, authority management, and early warning notification, transforming security protection from passive detection to active warning.

### Asset Management Scene



### Main Functions



### Daily work

- Quick inventory
- Operational situation
- Early warning alert
- Notification of information



### Indicator analysis report

- Assets summary sheet
- Asset classification statistics
- Asset indicators analysis
- Asset structure analysis



### System setting

- Organisation management
- User management
- Permission assignment management
- Early warning parameter setting



### Features



### Uniqueness

Regulated assets are linked to asset tags, and the system provides a single point of reference for that asset data.



### Interdependence

The standard open interface integrates intelligent hardware that is independent in terms of hardware, but closely related in terms of management, thereby achieving sharing and linkage relationships.



### Innovation

With cloud deployment and data processing capabilities, the smart platform construction and management can be achieved at a low cost.



### Uniformity

The systems within the control domain are integrated to enable unified management and scheduling through the asset management system.



### Specificity

By assigning separate permissions to different management groups, specific permissions can be achieved for different functions under the same management platform.



### Accuracy

The scope of management for specific assets is clearly defined, and different assets are assigned precise management areas.

### Recommended Products

Product Name	C3 USB Beacon Tag	MBT01 Anti-tamper Asset Tag	MBS01 Pallet Beacon	P1 Plus Robust Beacon
Size	18*14*6 mm	42.5*23.5*5.3 mm	116.1*25.2*9.2 mm	69.6*47.6*24 mm
Dissemination Distance	80 m	150 m	100 m	70 m
Duration	Battery-free	24 months	40 months	44 months (replaceable battery)
Product Feature	<ul> <li>Replaceable battery</li> <li>Bluetooth LE 5.0</li> <li>Compact size</li> <li>USB Beacon</li> </ul>	<ul> <li>Bluetooth LE 5.0</li> <li>Anti-tamper alarm</li> <li>IP65 waterproof &amp; dustproof</li> <li>Portable &amp; fashionable design</li> </ul>	<ul> <li>Slim, lightweight design</li> <li>Accidental shutdown prevention</li> <li>Rotatable buckle design</li> <li>IP65 waterproof &amp; dustproof</li> </ul>	<ul> <li>Bluetooth<sup>®</sup> LE 5.0</li> <li>Magnetic switch</li> <li>Sensors compatible</li> <li>IP68 dust &amp; waterproof</li> <li>IK09 shockproof</li> </ul>

# **PrezonTag IoT Gateway**

The IoT gateway is PrezonTag's self-developed Bluetooth device control center. It connects Bluetooth devices such as electronic shelf labels, sensors, and Bluetooth beacons via the Bluetooth protocol, parses the data, and transmits it to the Tag Cloud Platform through the MQTT protocol. Additionally, the image data generated by Prezon Tag's Cloud Platform is also sent to the corresponding ESLs through the gateway.



### Product Features













### **IoT Smart Hardware**

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Hardware as a service. See what Minew has for your advanced solutions.

### **IoT Starter Kits**

- All in one
- Wide coverage & easy installation
- · Low energy consumption
- Maintenance free



### **Location Beacons**



- Explosion-proof certification
- 5-10 years maintenance-free
- Excellent RF performance
- Long service life and high protection

### **Personnel Tags**





 Strong scalability & support secondary development



### **Asset Tags**





 Support multiple communication protocols/sensors



### Sensors

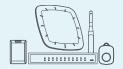






• Flexible customization / sensor expansion

### **AoA Starter Kits**



- Wide coverage & high concurrency
- Sub-meter accuracy & low energy consumption
- Combining UWB & Bluetooth LE technologies

### **Trackers**



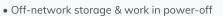




- Work with Apple Find-my
- Lost mode & location & buzzer
- Packed with GNSS, LTE, WiFi and Bluetooth connectivity.

### **IoT Gateways**





• Support enterprise-grade encryption

Bluetooth high concurrency& intercommunication

### Repeaters



• Data collection & transmission

• Ultra-long distance transmission





### **ESL Cloud Platform**

Tag ESL Cloud Platform is an IoT cloud platform that integrates cloud services, indoor positioning, and big data based on the safe monitoring and management of Bluetooth devices. The intelligent ESL cloud platform can access various offline application scenarios and provide customized API interfaces to dock with various application systems to achieve upgrades.



### Multi-end management

- PC management
- Mobile APP management
- External platform management

### Cross-domain collaboration

- API interface
- SDK
- Firmware customization

### Feature intergration

- ESL display management
- Sensor data management
- Traffic statistics







 Tag's ESL Cloud Platform is certified by the China Software Association.





### Cloud APP







GoMeeting

### Feature

# Customizable content



DIY

Support custom layout for text, images, color blocks, QR codes, and barcodes.

# Multi-language support



Support displaying multiple languages on APPs and ESLs.

### DIY template

Support personalized design for display templates.

# User-friendly interface design



Humanized layout and easy-to-use operations.

### Platform Security



### Data security

Ensure all products use advanced encryption technologies to ensure data security.



### Account security

Image CAPTCHA + account password verification.



### Interface security

Support private deployment within the intranet, and direct access from the internet is not allowed.



### Log component

Mount a log service component to record the overall operation of the system in real time



### Dual-machine hot standby

Support dual-machine hot standby for servers and server failover to ensure stable system operation and improve overall disaster recovery capability.



### Deployment strategy

Support private deployment within the intranet, and direct access from the internet is not allowed.

# **Fitting Selection**

Tag has equipped dozens of installation accessories for ESL products, including rails, table stands, hooks, clips, floor stands, protective covers, etc. The installation accessories can be selected flexibly so that electronic shelf labels can be fully adapted to different user scenarios.



Adapter board	Rail			Removal Tool	
	Rail	Anti-scratch plug	Angle adjuster	Suitable for removing labels	
For 2.13"/2.66"/2.9"/3.5"/ 4.2"/5.8"/7.5" ESLs	For 1.54"/2.13"/2.66"/ 2.9"/3.5" ESLs	Only suitable for rails	Only suitable for rails	from rails, and shells and batteries from labels	





# Hook T-shaped hook A T-shaped hook B L-shaped hook Large-size hook For 2.13"/2.66"/2.9"/3.5"/ 4.2" ESLs For 7.5"/11.6" ESLs

Protective Case	Floor Stand		
	Single-side liftable stand	Double-side liftable stand	
For 2.13"/2.66"/2.9" ESLs	For 2.13"/2.66"/2.9"/3.5"/ 4.2"/5.8"/7.5" ESLs	For 2.13"/2.66"/2.9"/3.5"/ 4.2"/5.8"/7.5" ESLs	

Clip					
Board clip (horizontal)	Board clip (vertical)	Thumb clip			
For 2.13"/2.66"/2.9"/ 3.5" ESLs	For 2.13"/2.66"/2.9"/ 3.5" ESLs	For 2.13"/2.66"/2.9"/3.5"/ 4.2"/5.8"/7.5" ESLs			

Fixture	Sticker		POE Switch
			To the second
1)	Double-sided adhesive sticker	Single-sided adhesive sticker	
For 2.13"/2.66"/2.9"/3.5"/ 4.2"/5.8"/7.5" ESLs	Suitable for full sizes		Adapt to network cable interface











Cosmetics







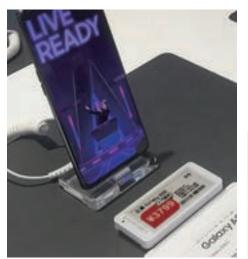






















Fruits & Vegetables











Fashion















### Restaurants









# Meetings & Seminars

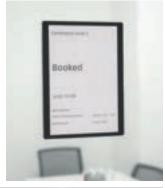




















Libraries







Warehouses







# Hospitals & Pharmacies















### **Valued Customers & Partners**

20+
TOP 500 Partners

300+ Co-brands 2000+ Use Cases





































NEOLIX

















We're working with more than 300 brands across a multitude of industries to develop wireless industry. Beyond 2000 successful use cases, our customers base is ever-increasing besides world-renowned Siemens, Nordic, Google, Cisco, Emerson, Comcast, etc.





: sales@prezon.me





# PrezON จัดจำหน่ายโดย บริษัท เพรซออน เทคโนโลยี จำกัด

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Website: www.prezon.me 582 ซอยนาทอง 7 ถนนรัชดาภิเษก แขวงดินแดง เขตดินแดง กรุงเทพมหานคร 10400 Prezon Technology Co.,LTD.



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Website: www.prezon.me

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