



綠創新科技股份有限公司
Green Ideas Technology



2026 Product Catalog



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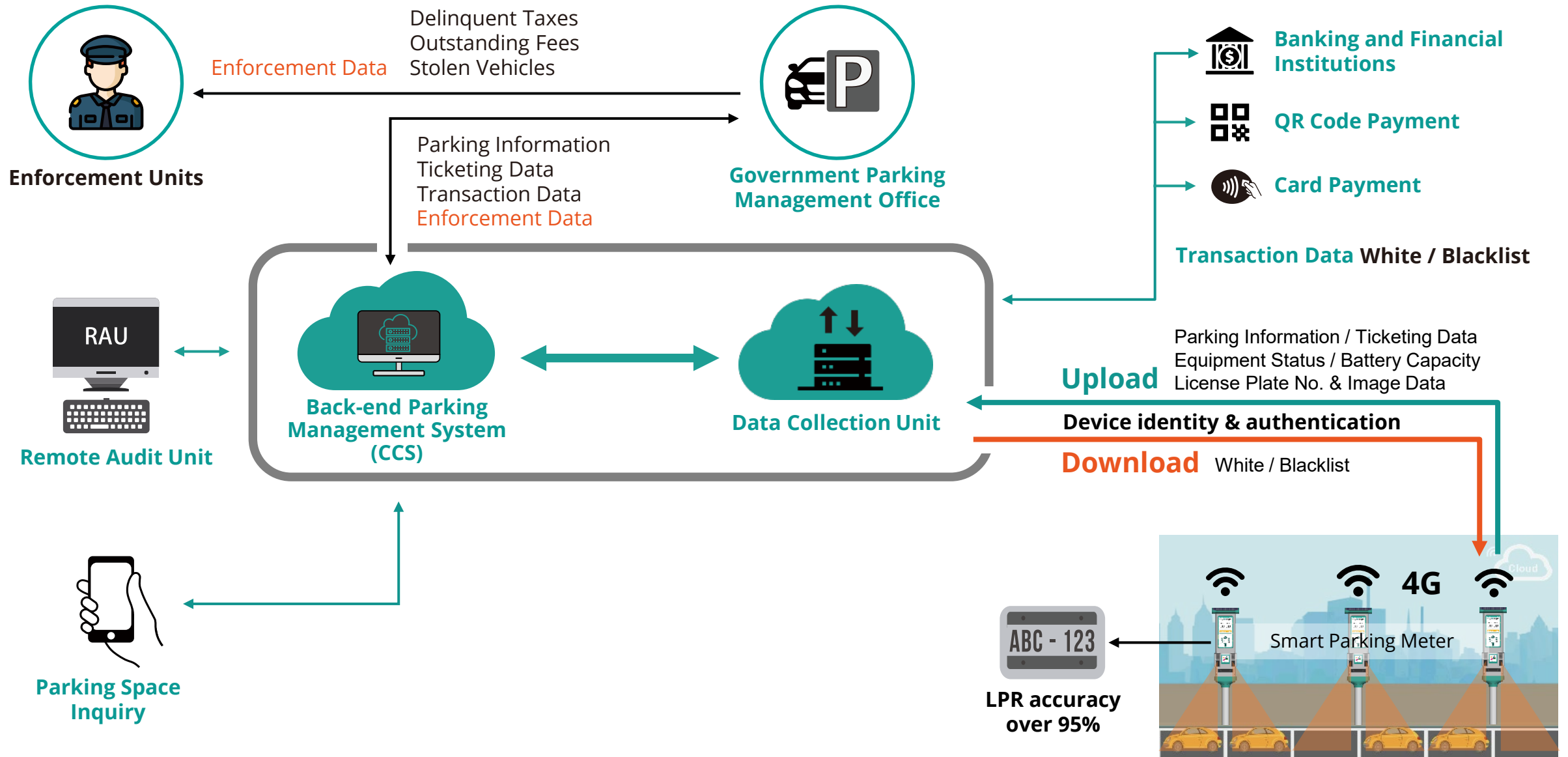
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Architecture of Smart Parking System





Smart Parking Meter Feature



IP66 SGS Certification

Dustproof, waterproof
shock-resistant
vandal-resistant



Solar Panel + Dual Battery Power Backup Design

When one battery fails
the other battery can keep the system running



20 Minutes

Fast Construction

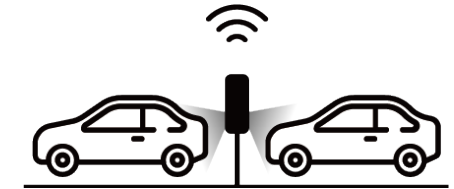
NO NEED

The Power Line



Device monitoring communication

SW OTA upgrade



2 Parking Spaces

Manage / Control



Multiple Payment

QR Code & Prepay Card



99%

AI Vehicle Detection
Success Rate



RLCD / E Paper

Clearly visible under sunlight



AI Deep Learning
LPR accuracy **> 95%**

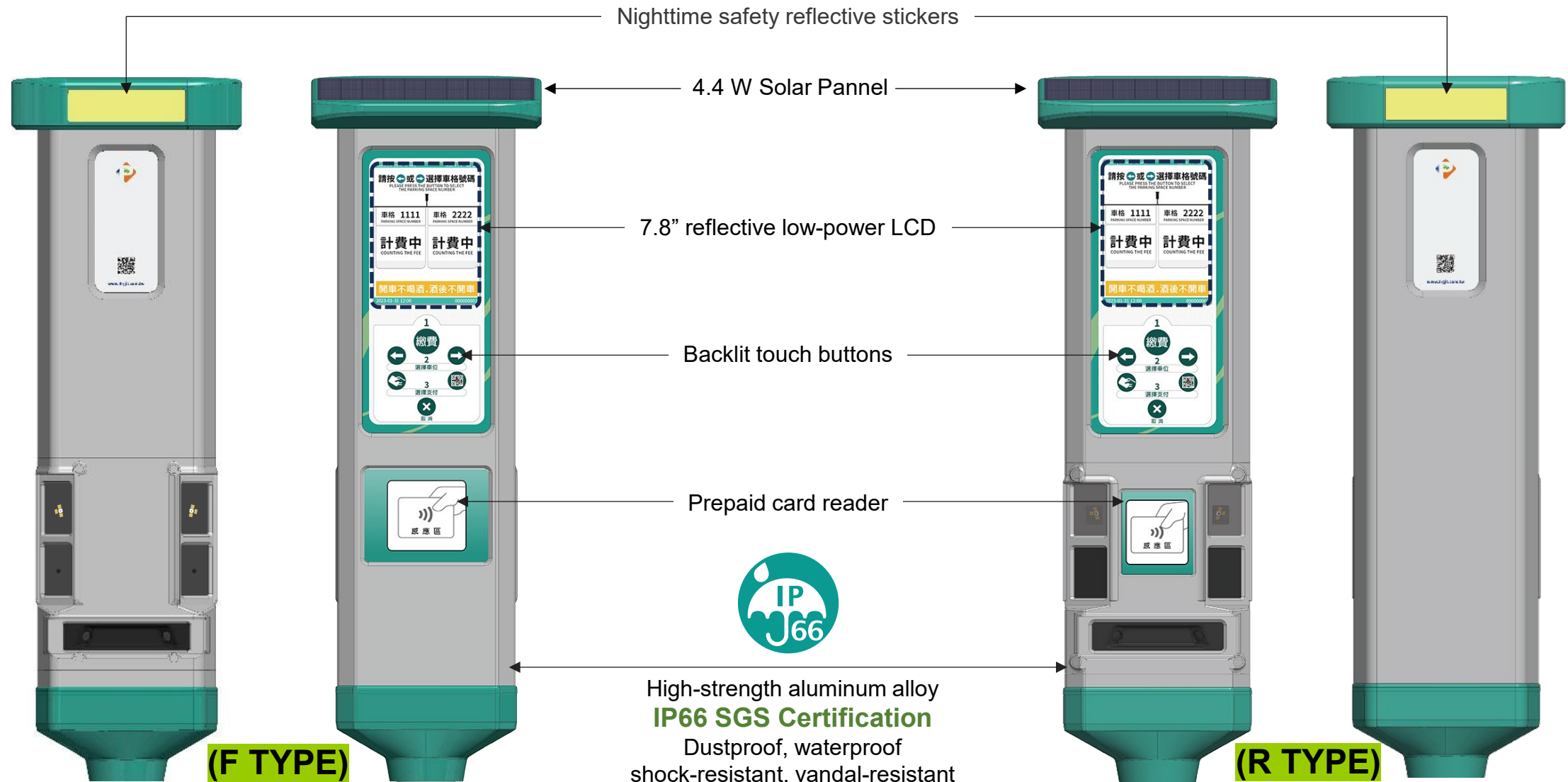


Modular design

Quick maintenance



Smart Parking Meter - Touch Panel





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The **WORLD'S LARGEST** roadside Smart Parking System **Hong Kong**

The project installed **12,300** Smart Parking **Meters** and nearly **20,000** roadside **parking spaces**, making it the largest Smart roadside Parking System in the world today.

It was completed in June 2022 after a construction period of 18 months. Please refer to official **website** of the Hong Kong transport department.





Case Study (Please click the link to watch the video)

Hong Kong

World's largest roadside Smart Parking System

Taipei

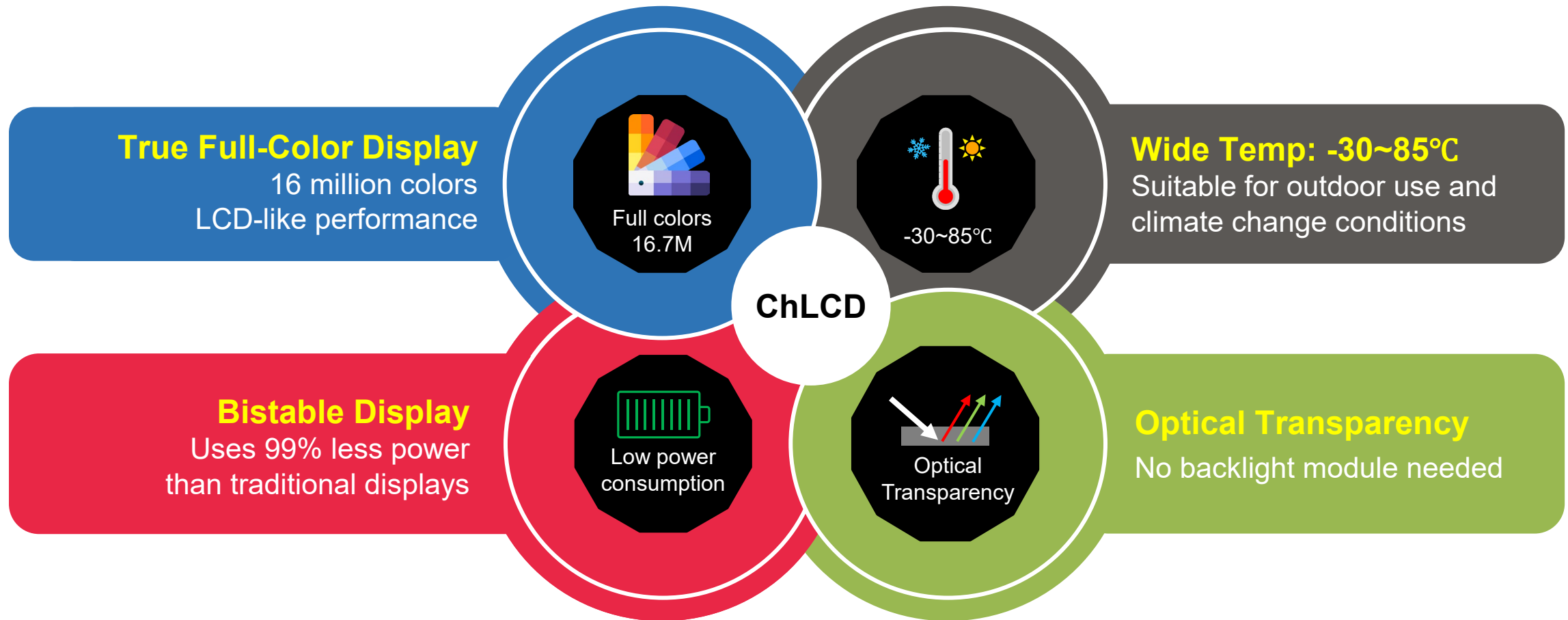
AI

Smart Parking Setting a New Standard



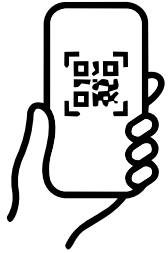
Core Technology of Cholesteric LCD E-Paper

Energy-Saving & Eye-Friendly | Global Sustainability





ChLCD Features



Mobile App

Operation and Management



Battery power

High mobility
Application anywhere



Power Saving Up to 99%

Compared to traditional
LCD and LED display



Wi-Fi 6 + BLE 5.4

Device monitoring

Content refresh
SW upgrade by OTA



Full color

16.77 Million colors



Reflective ChLCD

Visible in Sunlight
Front Light auxiliary
for Nighttime Use



-30°C ~ +85°C

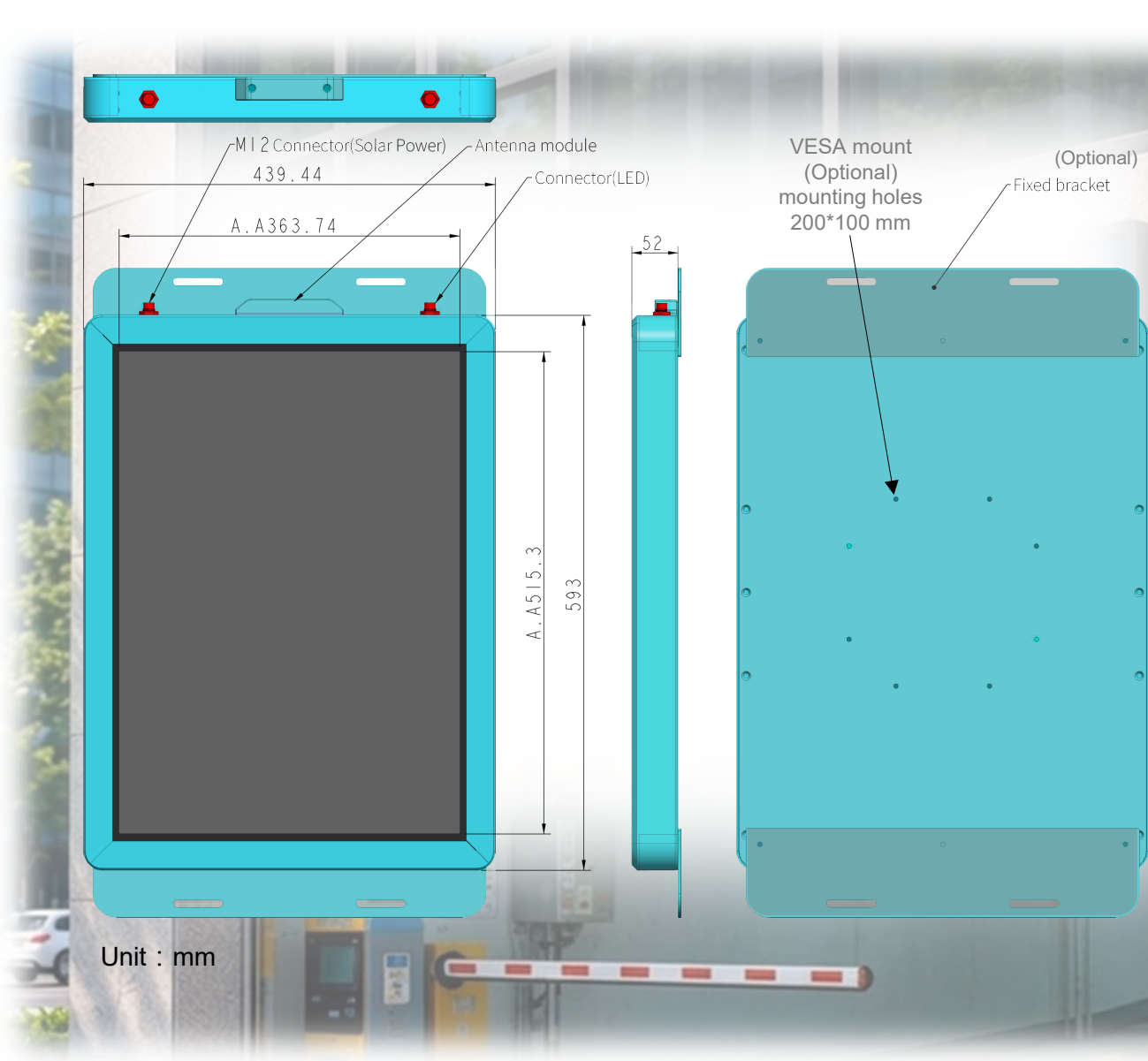
Range of Operating
Temperature



E-paper display Almost zero power



24.8" : Parking Space Display



Model No. **CHLB30-A**

A.A : W363.74 × H515.3 mm
Size : W439.44 × H593 × D52 mm





32" : Outdoor Food Truck Menu



Solar Panel
(Optional)

LED Light
(Optional)

- *1920 × 1080 Pixels
- *3mm(IK07) fully laminated tempered glass
- *Anti-fog
- *Anti-glare
- *Anti-UV

IP66 SGS Certified
Aluminum alloy housing
corrosion-resistant

A-frame support
(Optional)

Model No. **CHL3200-A**

A.A : W394.04 × H698.96 mm
Size : W477.34 × H782.26 × D51.5 mm

Solar panel connector
LED LIGHT connector

LED Power

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USB Type-C
Data transmission

Power switch

DC input

Battery input

Wi-Fi 6
+
BLE 5.4

VESA Mount
(Optional)
mounting holes
(200*100 mm)

Rechargeable lithium battery
(Optional)
High mobility: Can be used anywhere

AC Power
100V~240V



32" : Construction Instructions





32'' : Road running events

醫療/補給站 Medical / Aid Station





13.3" : Food & Beverage Industry / Counters

Model No. **GIT-133**

A.A : W270 × H202.5mm
Size : W293.9 × H236.5 × D19.2 mm



White ABS+PC



27.6"/ 32" : Food & Beverage Menu



Model No. **CHL276I-B**

A.A : W343.76 × H610.62 mm
Size : W383.12 × H649.96 × D45.3 mm

Model No. **CHL320I-B**

A.A : W394.04 × H 698.96 mm
Size : W437.84 × H742.76 × D45.3 mm

Wi-Fi 6 + BLE 5.4

LED LIGHT
connector

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Power switch

USB Type-C
(Data
transmission)

Aluminum alloy
corrosion-resistant

VESA Mount
(Optional)
mounting holes
200*100 mm

Power bank

Flip-up battery cover



27.6"/ 32" : Event Information



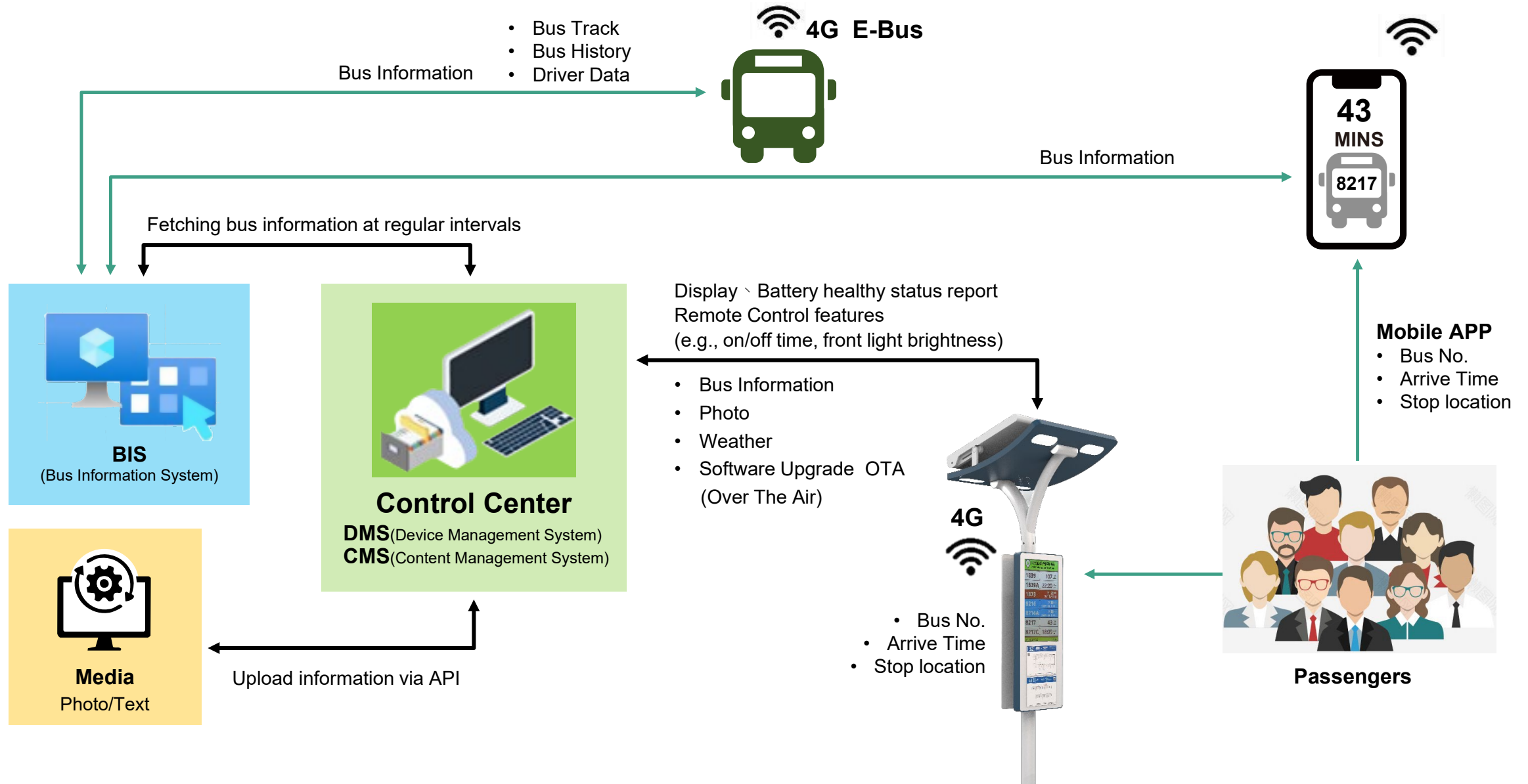


27.6"/ 32" : Showcase Application





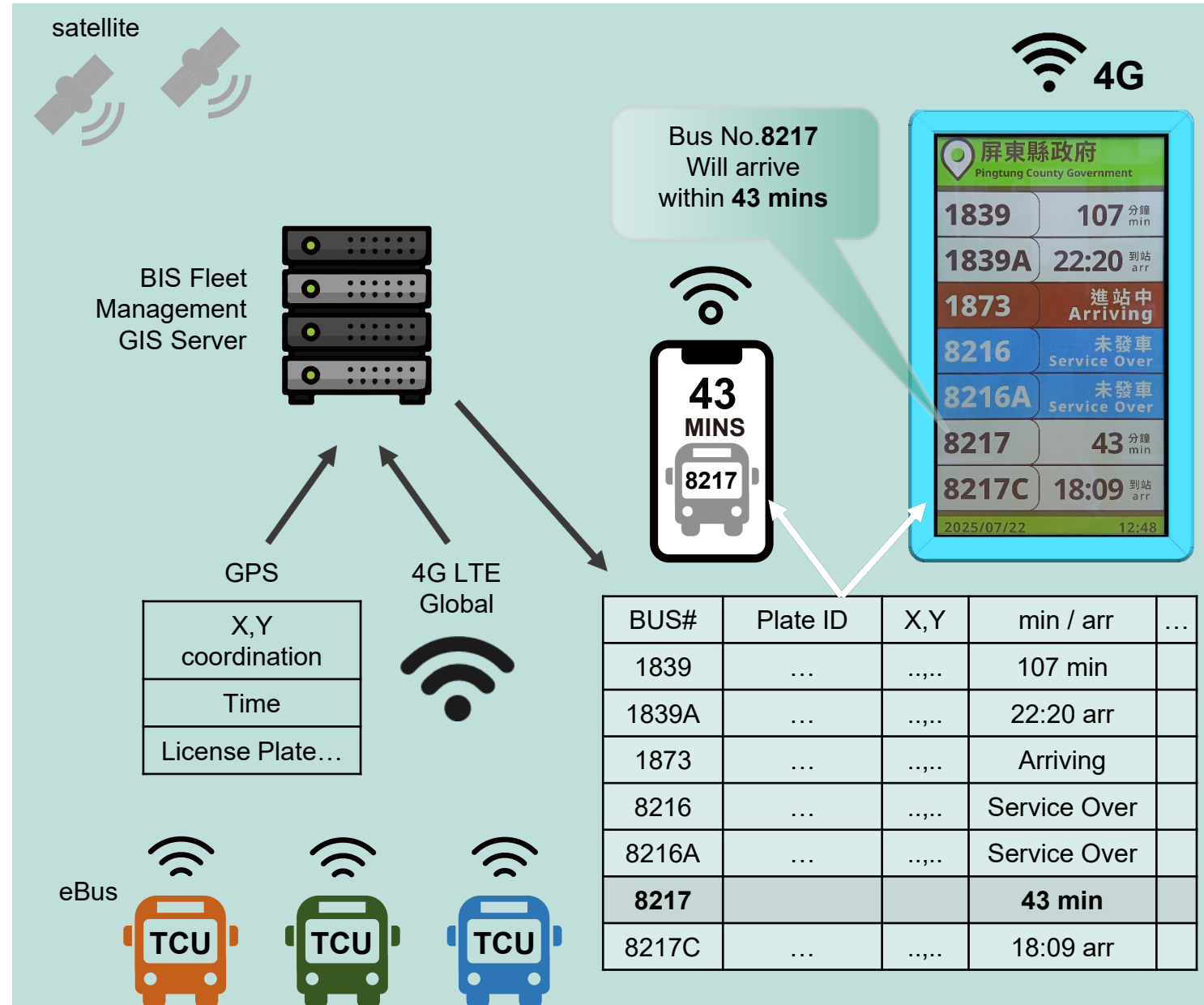
Smart Bus Stop Display System Architecture





How Smart Bus Stop Display Working?

- Every bus will install a TCU (Telematics Control Unit) and periodically report its GPS coordinates to the BIS (Bus Information System) center through 4G communication equipment.
- The BIS center had built all the positions of Bus Stop in geographic format and receives the coordinates from each bus. With the coordinate data, the BIS can calculate average speed of each bus and estimate the arrival time.
- The bus stop display also connect the BIS center through 4G communication and receives information such as the arrival time for each bus stop and display it on the screen.
- Passengers waiting for bus at the bus stop can now see the arrival time on the display which made them comfortable to grasp their time.
- Use App to check bus arrival time at home and walk to the bus stop easily.





The Benefit of Smart Bus Stop Display

- Bus line no.1839 will arrive within 107 mins
- Bus line no.1839A will arrive at 22:20
- Bus line no. 1873 is Arriving
- Bus line no.8216 Service over
- Bus line no.8216A Service over
- **Bus line no.8217 will arrive within 43 mins**
- Bus line no.8217C will arrive at 18:09

I have been waiting for 20 minutes!

Use App to check bus line **#8217**, **43 mins** to arrive, I can walk to the bus stop later.
So convenient for using App !



BIS APP

Another convenience is to check the bus arrival time through the BIS App; passengers can decide when to arrive at the bus station and take the bus without wasting time.

User can arrange time at home or office according to the bus arrival time that made you won't waste time waiting or miss the bus. This is the convenience and service that a modern Smart Bus Stop can bring to everyone.

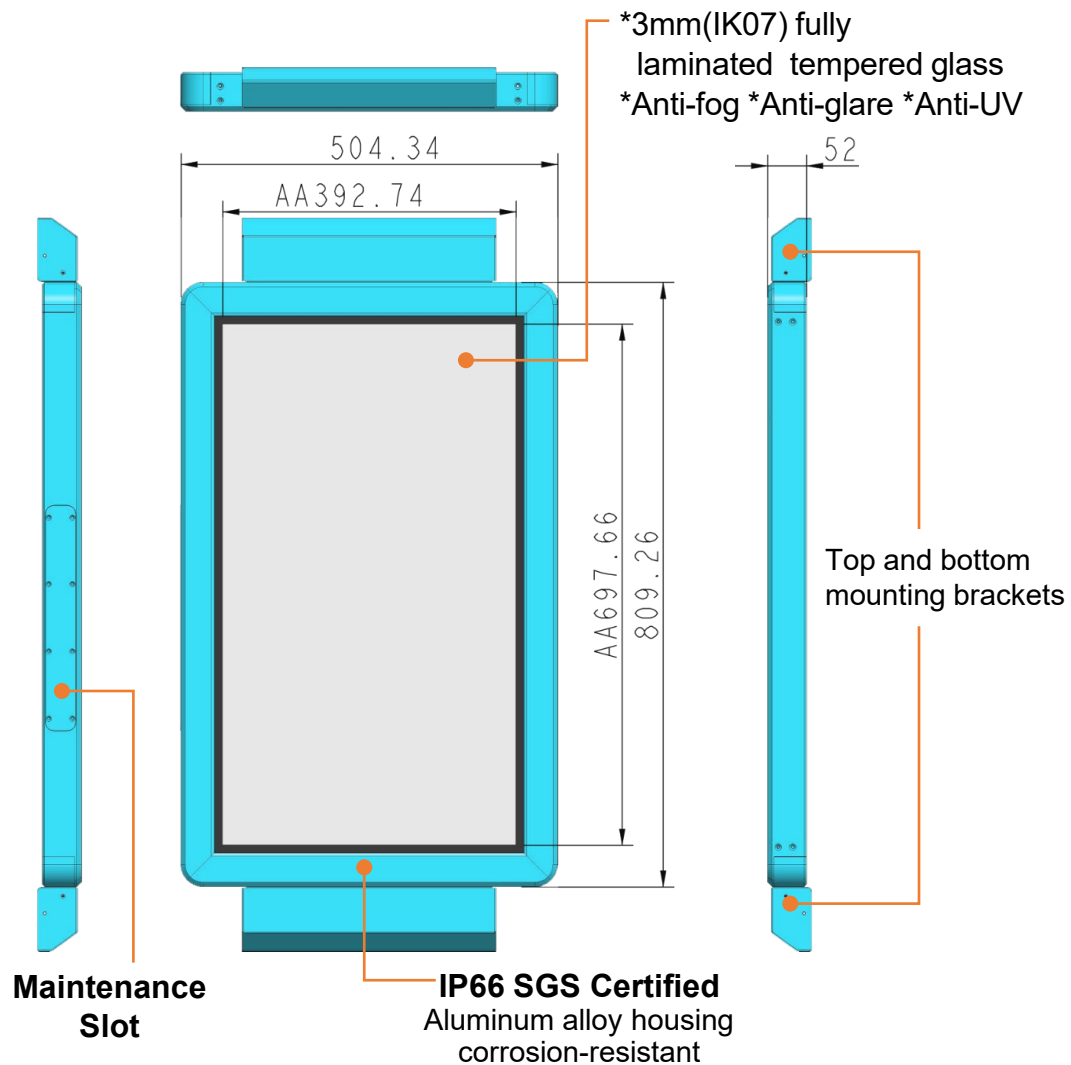
Bus line #8217 43 mins to arrive

5 mins by walk before bus arriving





Smart Bus Stop Display system in Pingtung County, Taiwan



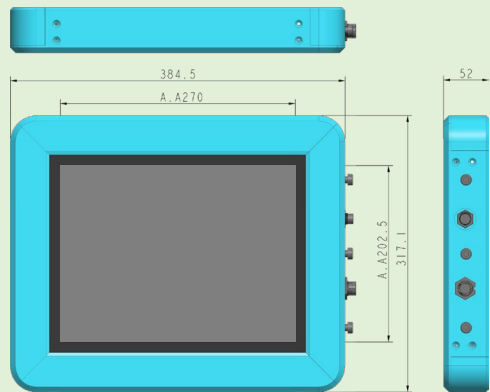


Smart Bus Stop Display: Dimensions & Specifications

Model No. **CHL1330-C**

A.A : W270 × H202.5 mm
Size : W384.5 × H317.1 × D52 mm

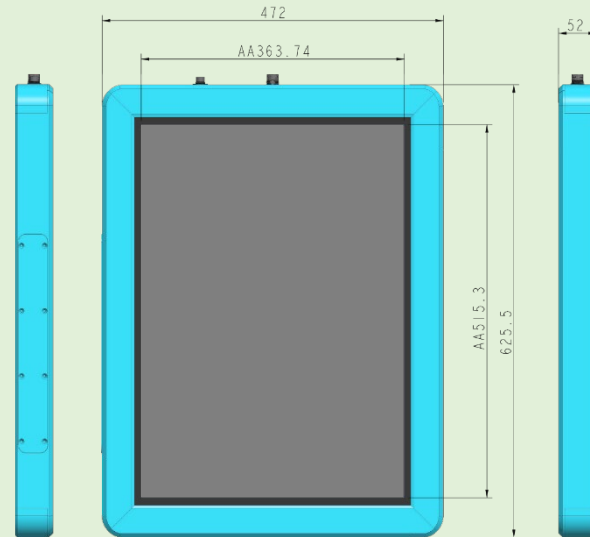
13.3"



Model No. **CHLB30-C**

A.A : W363.74 × H515.3 mm
Size : W472 × H625.5 × D52 mm

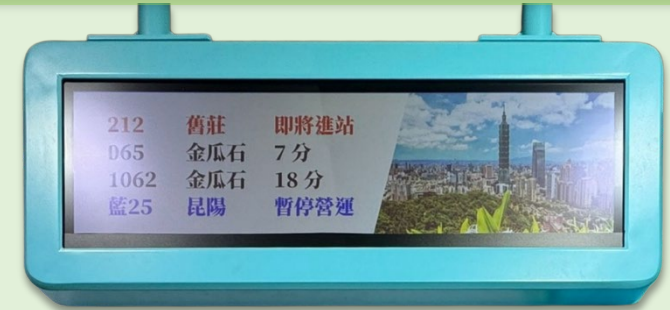
24.8"



Model No. **CHL2490-C**

A.A : W609.98 × H166.86 mm
Size : W698.48 × H255.36 × D48 mm

24.9"



Model No. **CHL3200-C**

A.A : W394.04 × H698.96 mm
Size : W504.34 × H809.26 × D52 mm

32"

