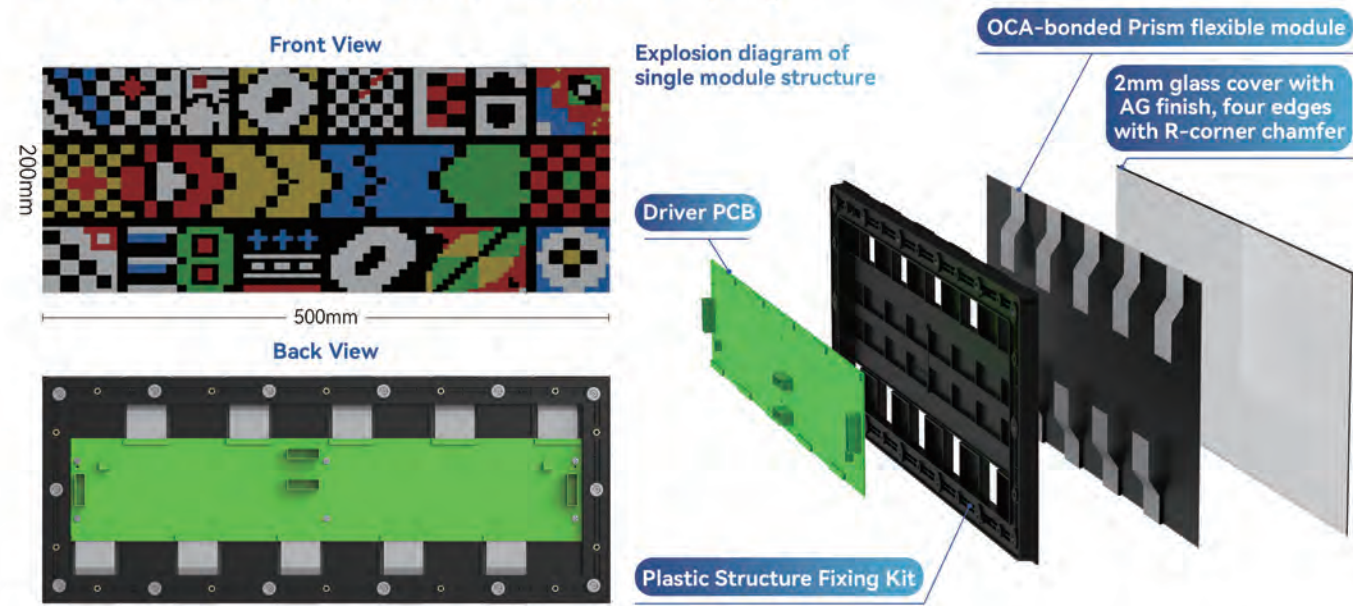
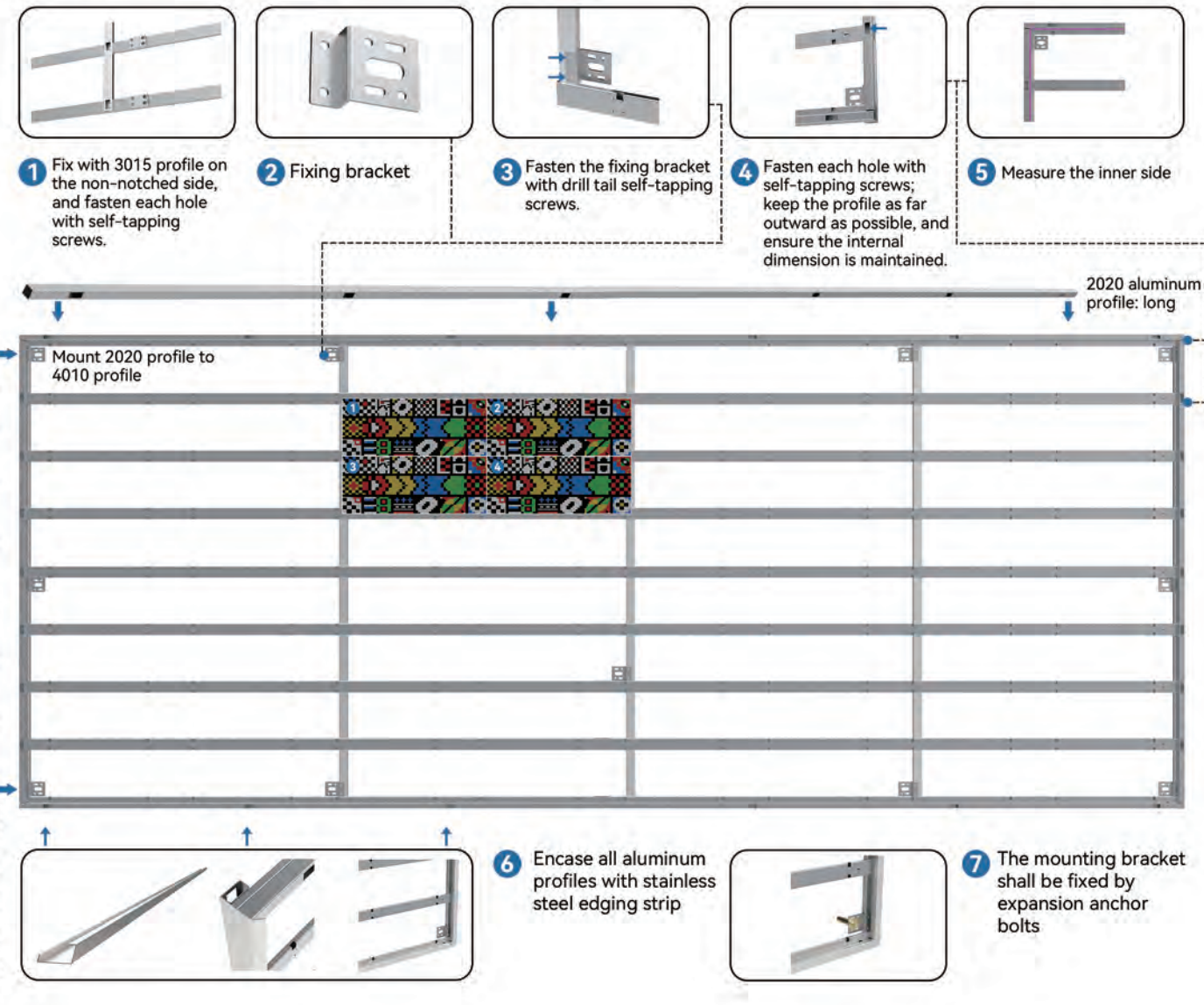


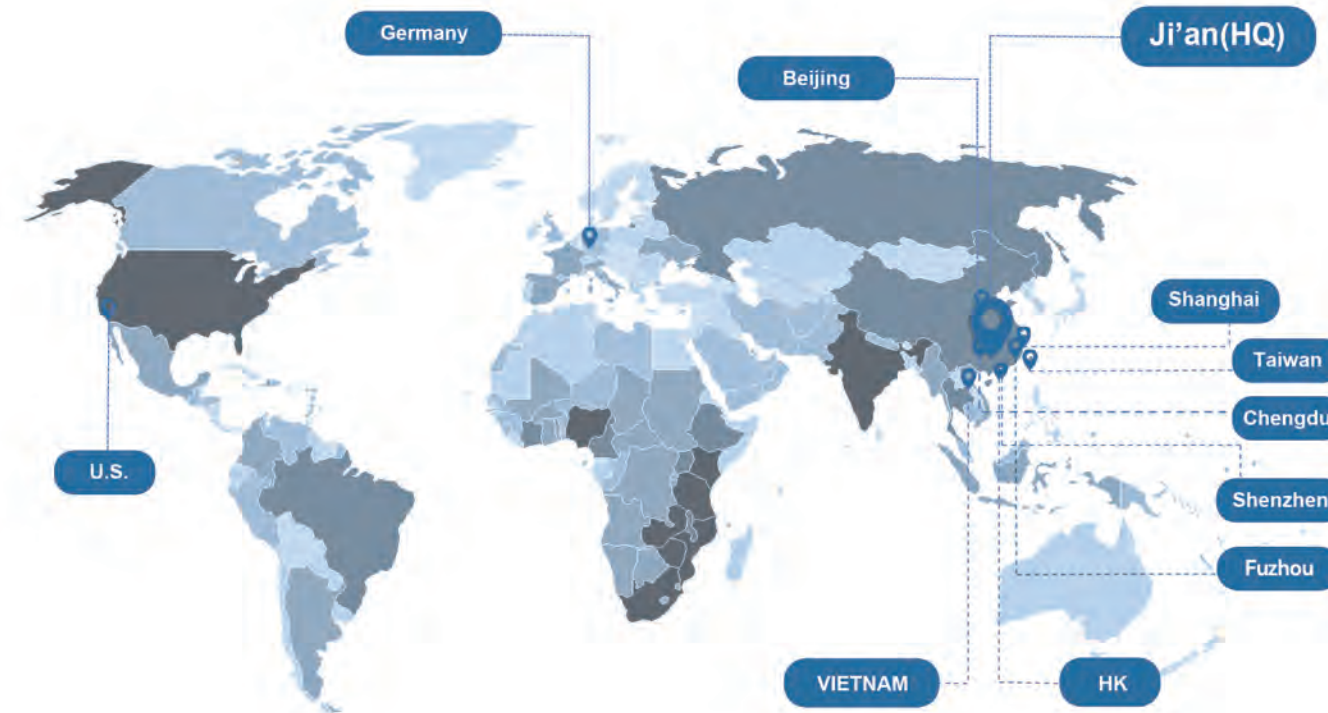
I Prism 3s Modular Color ePaper Display



II Module-to-bracket fixation method (Note: First install the bracket, which needs to be installed horizontally;)



Company Overview



HQ
Jiangxi Ji'an · China



Worldwide Branch

San Fran · USA
Vinh Phuc · Vietnam
Beijing · China
Shenzhen · China
Chengdu · China
Dusseldorf · Germany
Shanghai · China
Taiwan · China
HK · China
Fuzhou · China



R & D Center

jiangxi & Shenzhen



Production base

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Website



LinkedIn



Comprehensive Customization Solutions for ePaper Tiles Wall



Vivid 16 Colors



Modular & Scalable



Change the image anytime



Single-Point Power



Ultra-Low Power

B E Y O N D P A P E R , S M A R T E R W O R L D

I Prism 3s Modular Color ePaper Display

A 500mm × 200mm module with 640-pixel color e-paper screen, Which can be tiled to display any graphics or text. Ideal for reception walls, commercial signage, info displays, and custom backdrops.



Vivid 16 Colors

Prism 3S film supports up to 16 colors with rich and vivid hues.



Modular & Scalable

Freely combine modules into a large screen of any size.



Wireless Updates

Update content via mobile app.



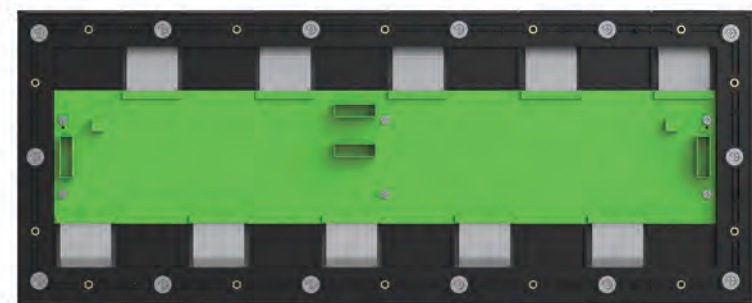
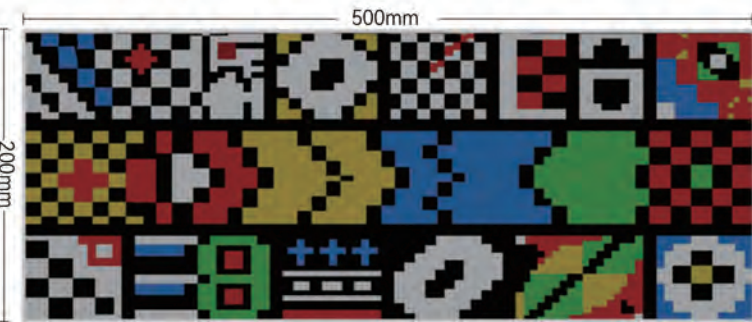
Single-Point Power

One power bank can supply power to the entire screen (Limited to small sizes)



Ultra-Low Power

Power used only during refresh; zero static consumption, no heat.



I Color ePaper Modular Decorative Screen

Model: R209E6B01		
Model	Display Size	21"
	Panel Type	Prism 3S
	Pixel	40*16 (Single chip module)
	Pixel pitch	12.5mm
	Refurbish mode	Supports multiple special-effects refresh modes
Construction	Appearance material	Plastic kit + fully bonded module
	Module direct splicing	4mm
	Dimension	500mm×200mm×17.5mm
	Suitable Viewing Distance	> 7 m
	Weight	1.1kg
Power	Input Voltage	DC 15V, Powered by a single power bank
	Standby Current	0.5mA (avg.)
	Operating Current	≈30mA single module (average current)
Software	Image Upload	Via Android app; optimal within 10m
	OS Support	Android 8.0 or above
	Transmission	Wi-Fi 2.4G
Environmental	Operating Temperature	0°C to 50°C
	Storage Temperature	-25°C to 60°C
	Operating/Storage Humidity	45% to 70% RH
	Packing specification	10 pieces per carton

I Applications



- **Size:** 4m×1.6m
- **Resolution:** 320×128
- **Transmission Mode:** Wi-Fi 2.4GHz
- **Content Update:** Via Android APP
- **Installation Method:** Wall-mounted
- **Static Zero power Display:** consumption
- **Refresh Multi-effect Method:** refresh
- **Average Current (during refresh):** 2A
- **Power Supply:** No wiring required; compatible with 15V/5V; powered by a single power bank



- **Size:** 3m×0.4m
- **Resolution:** 240×32
- **Transmission Mode:** Wi-Fi 2.4GHz
- **Content Update:** Via Android APP
- **Installation Method:** Wall-mounted
- **Static Display:** Zero Power Consumption
- **Refresh Mode:** Smooth/Elegant refresh
- **Average Current (during refresh):** 720mA
- **Power Supply:** No wiring required; powered by a single power bank
- **Power Supply Voltage:** 5V

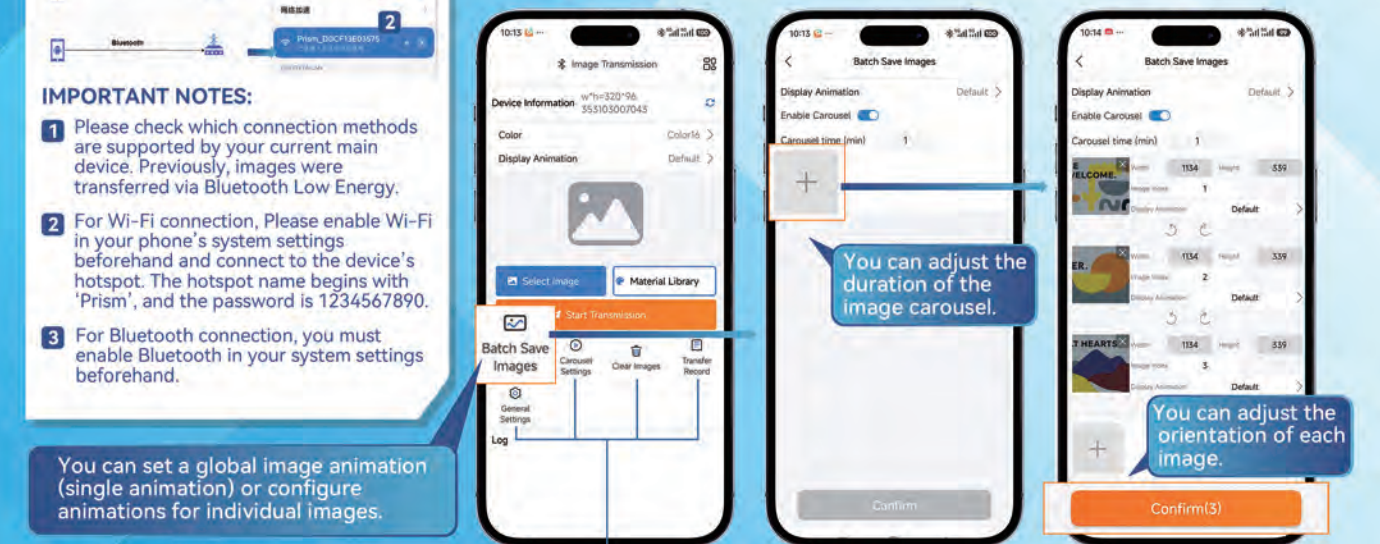
- **Size:** 1m×2m
- **Resolution:** 80×160
- **Transmission Mode:** Wi-Fi 2.4GHz
- **Content Update:** Via Android APP
- **Installation Method:** Wall-mounted
- **Static Display:** Zero Power Consumption
- **Refresh Mode:** Smooth/Elegant refresh
- **Average Current (during refresh):** 600mA
- **Power Supply:** No wiring required; powered by a single power bank
- **Power Supply Voltage:** 5V



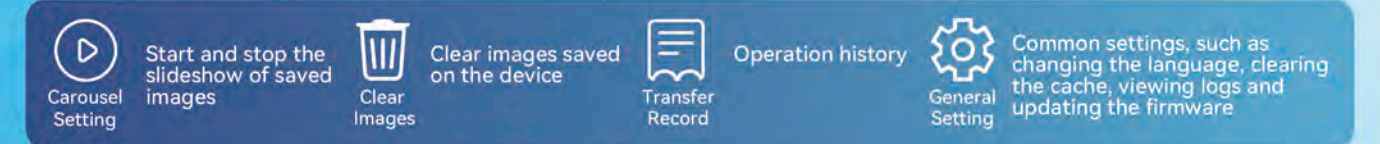
I Image Update(Single Image Update)-APP



I Image Slide Show Setting-APP



I Other-APP



I Power Consumption Comparison:LED vs Prism (6.4 square meters)

Size	LED Display (P4)	Prism Module Screen	Remarks
Refresh power (per square meter)	Average power consumption during refresh: ≈250W/H	Refresh power consumption: approx. 1.5W/H	/
Static power consumption	≈250W/H	Zero static power consumption	Prism features bistable functionality.
Power consumption for 10-hour daily operation (per square meter)	Continuous working power consumption ≈2.5 kWh	Power consumption: approx. 0.0017 kWh	Update every three minutes, total 200 updates in 10 hours.
		Power consumption: approx. 0.00048 kWh	Update every 10 minutes, total 60 updates within 10 hours.
		Power consumption: approx. 0.00008 kWh	Update once an hour, total 10 updates in 10 hours.