

The VB097 & VB133 Series are high-contrast monochrome e-paper displays designed for diverse indoor and outdoor signage applications. With ultra-low power consumption and flexible connectivity, you can enjoy reliable performance with minimal maintenance. Choose between rechargeable and non-rechargeable battery options to fit your installation needs. These displays brings you a sustainable, long-lasting display solution that keeps communication clear, simple, and eco-friendly.

# **Key Features**



## Sharp Monochrome Display

Clear B/W visuals, wide viewing angles, sunlight-readable.



#### Flexible Content Updates

Supports partial & full refresh modes.



#### Durable & Reliable

IP65 dust- and water-resistant protection.



## Wireless Content Updates

Simple remote management via uink Cloud & App.



#### Versatile Connectivity

Wi-Fi, BLE, LoRa, Cat.1.



## Ultra-Low Power, Long Standby

Ultra-low power: Lasts up to 18-42 months (3 refreshes/day).

# **Applications**



#### Healthcare & Hospital

Patient info | Doctor schedules | Queue info | Announcements | etc.



## Logistics & Factory

Production instructions | Inventory status | Shipment info | Safety notices | etc.



#### **Education & Campus**

Class schedules | Notices | Events | Room availability | etc.



#### Transportation & Outdoor

Arrival/departure times
I Platform info I Route maps
I Public notices I etc.



#### **Business & Office**

Meeting room bookings I Internal notices I Company announcements I Wayfinding I etc.



#### Dining & QSR

Menu boards | Daily specials | Queue status | Promotions | etc.



#### Resort & Hotel

Roomstatus | Guest info | Event schedules | Directions | etc.



#### Retail & Market

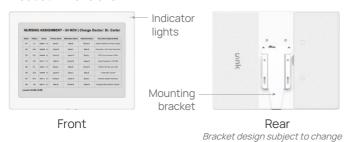
Promotions | Product info | Store navigation | etc.

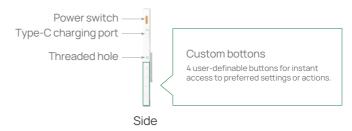




# **Product Overview**

## Product Dimensions:





# **Specifications**

Display	Series	VB097	VB133
	Screen Size	9.7 - inch	13.3 - inch
	Display Color	Black, White	
	Active Zone (H×V)	201.60 × 141.12 mm	275.52 x 195.16 mm
	Pixel Pitch	0.210 × 0.210 mm	0.287 x 0.287 mm
	Resolution	960 × 672 pixels	960 × 680 pixels
	Visual Angle	178°	
	Orientation	Landscape/Portrait	
	PPI	121	88
	Contrast	Min 15 Typ.22	Min 15 Typ.20
	Response Time	Typ. 4s	
	Refresh Mode	Partial/Full	
Built-in System	Data Transmission Interface	Type-c, NFC	
	SD Card Slot	Supported (SD card sold separately)	
	Network Interface	Wi-Fi & BLE (LoRa /Cat.1 optional)	
Power	Battery Type	7000 mAh 3.7V (Rechargeable) /15000 mAh3V (Non-rechargeable)	
	Battery Life (Rechargeable)*	18 months	
	Battery Life (Non-Rechargeable)*	42 months	
Environmental	Operating Temperature	0-50°C	
	Operating Humidity	40-70% RH	
Physical	Product Dimension (H×V×D)	237.8 × 184.8 × 12.3mm	308.6 x 229.6 x 10mm
	Net Weight	0.5KG	0.75KG
	Casing Color	White/Black	
	Built-in Buttons	2 function buttons: Reset, BLE wake-up	
	External Buttons	Power switch + 4 custom buttons	
	Installation	Bracket / Adhesive	

\*3 refresh/day

# **Package Contents**













**Recommended Accessories** 



Mounting bracket × 1 Screw set × 1

uink Gateway (with built-in server)

uink Cloud

uink App







