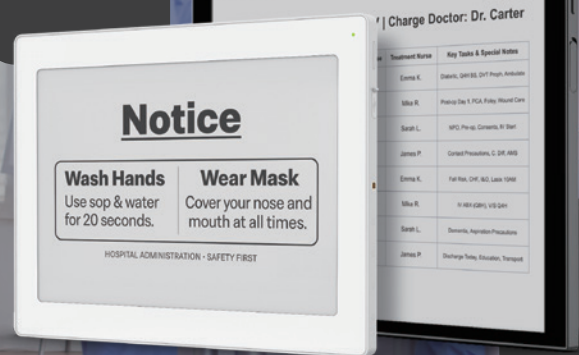


# uink

## Monochrome E-Paper Display

VB097 & VB133 Series



### Introduction

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 bring 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

Full refresh on all models; partial refresh on select models.



#### 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

Up to 3.5 years of operation depending on model and usage.

### Applications



#### Healthcare & Hospital

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



#### Education & Campus

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



#### Business & Office

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



#### Resort & Hotel

Room status | Guest info | Event schedules | Directions | etc.



#### Logistics & Factory

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



#### Transportation & Outdoor

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



#### Dining & QSR

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

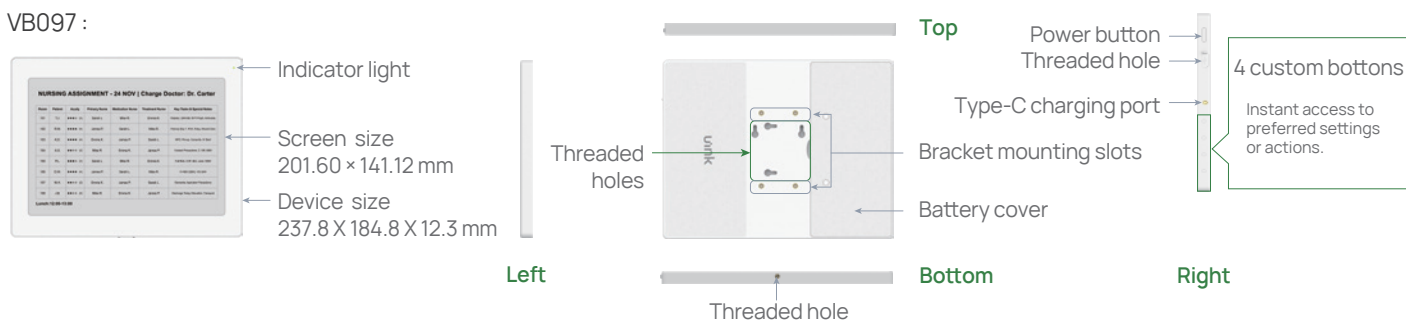


#### Retail & Market

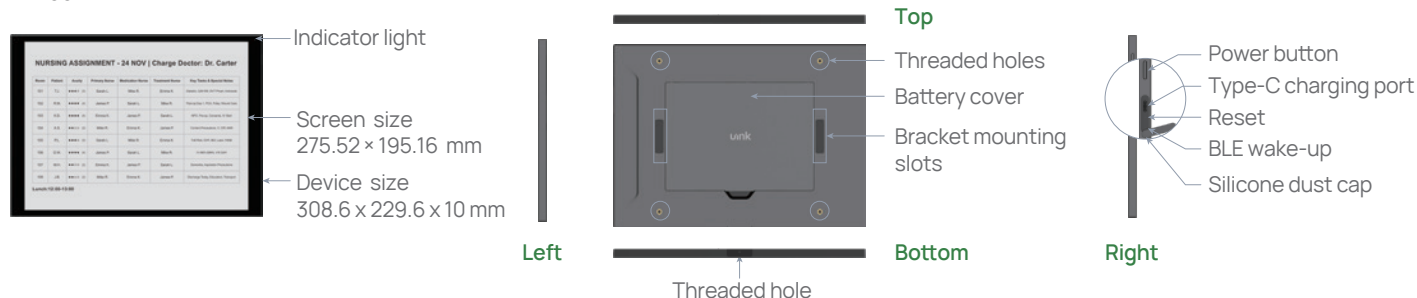
Promotions | Product info | Store navigation | etc.

## Product Overview

VB097 :



VB133 :



## Specifications

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 × 195.16 mm
Pixel Pitch	0.210 × 0.210 mm	0.287 × 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. 4 s	
Refresh Mode	Partial / Full	Full
Data Transmission Interface	Type-C, NFC	
SD Card Slot	Supported (SD card sold separately)	
Network Interface	Wi-Fi & BLE (LoRa / Cat.1 optional)	
Battery Type	5000 mAh 3.7 V (Rechargeable) / 15000 mAh 3 V (Non-rechargeable)	
Battery Life (Rechargeable)*	1.5 years	
Battery Life (Non-Rechargeable)*	3.5 years	
Operating Temperature	0 - 50°C	
Operating Humidity	40 - 70 % RH	
Product Dimension (H × V × D)	237.8 × 184.8 × 12.3 mm	308.6 × 229.6 × 10 mm
Net Weight	500 g	750 g
Casing Color	White / Black	
Built-in Buttons	Reset, BLE wake-up	/
External Buttons	Power button + 4 custom buttons	Power button + Reset + BLE wake-up
Installation	Bracket	Bracket / Adhesive

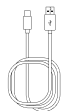
\*3 refreshes / day

## Package Contents

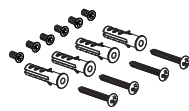
VB097 :



E-Paper × 1



Power cable × 1



Screw set × 1

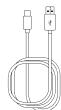


Rear bracket × 1

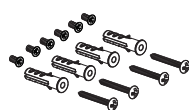
VB133 :



E-Paper × 1



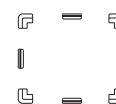
Power cable × 1



Screw set × 1




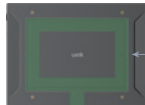


Rear bracket × 1



Adhesive brackets × 8

## Installation Methods

Mounting accessories and installation methods vary by model.

	VB097	VB133
Included Mounting Accessories	Rear bracket	1. Rear bracket (different design from VB097) 2. Adhesive brackets × 8 (for glass installation) <ul style="list-style-type: none"> <li>· Corner brackets × 4</li> <li>· Edge brackets × 4</li> </ul>
Installation Methods	Bracket-mounted   Rear bracket	1. Bracket-mounted  Rear bracket  2. Glass-mounted (8 brackets included. Arrange freely.)  2 edge + 2 corner brackets Easy take-out  4 corner brackets Fixed mount Adhesive brackets

## Ordering Info for VB097X / VB133X

Variant	Network Interface			Rechargeable Battery
	Wi-Fi+BLE	LoRa	Cat. 1	
A	✓			✓
B	✓	✓		✓
C	✓		✓	✓
D	✓			
E	✓	✓		
F	✓		✓	

\*X denotes variant code and is not part of the actual orderable model number.

## Recommended Accessories



uink Gateway  
(with built-in server)



uink Cloud



uink App