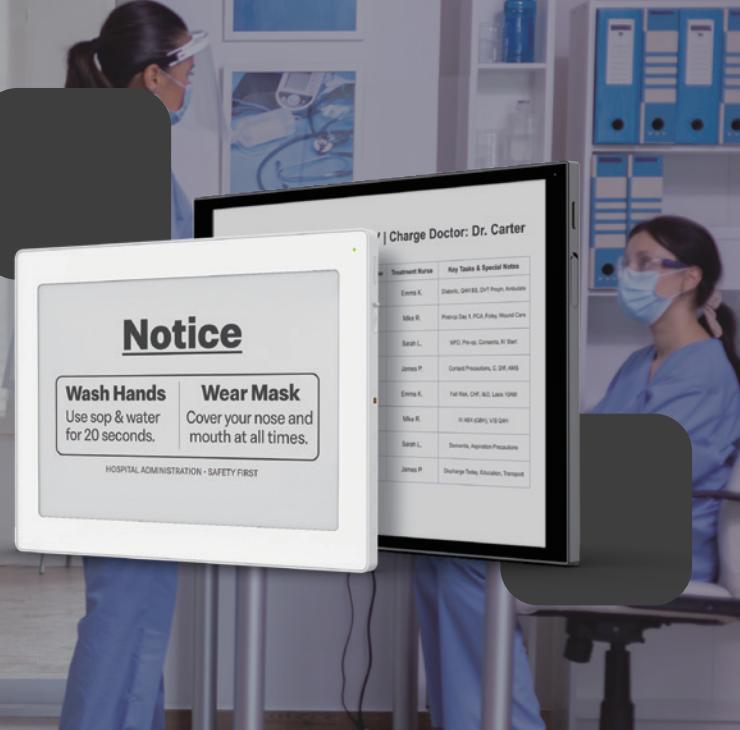


uink

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

Roomstatus | 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.

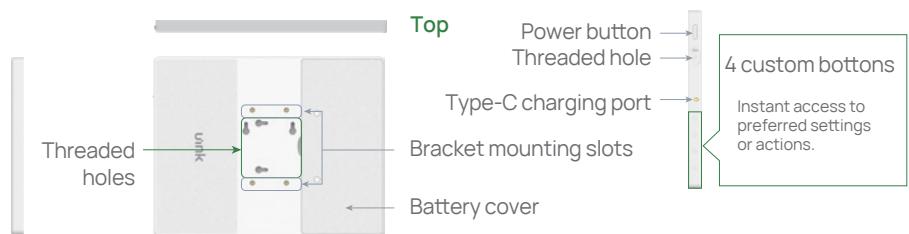
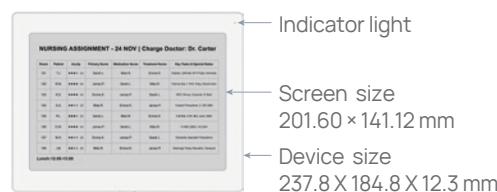


Retail & Market

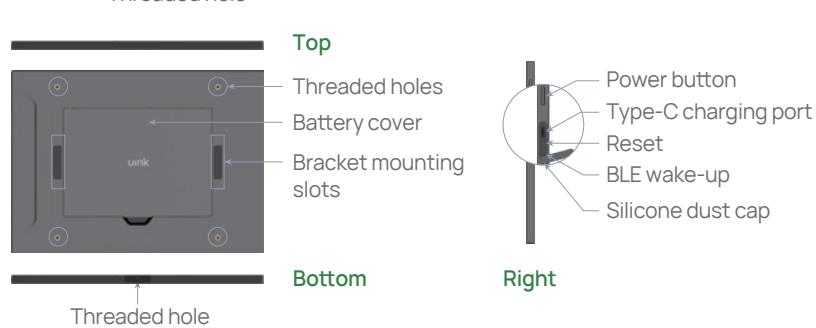
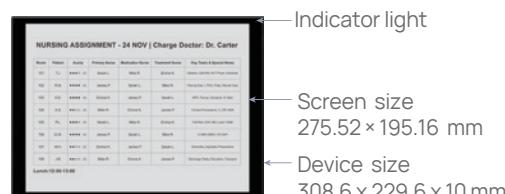
Promotions | Product info | Store navigation | etc.

Product Overview

VB097 :



VB133 :



Specifications

	Series	VB097	VB133
Display	Screen Size	9.7-inch	13.3-inch
	Display Color	Black, White	
	Active Zone (H x V)	201.60 x 141.12 mm	275.52 x 195.16 mm
	Pixel Pitch	0.210 x 0.210 mm	0.287 x 0.287 mm
	Resolution	960 x 672 pixels	960 x 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
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	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	
Environmental	Operating Temperature	0 - 50°C	
	Operating Humidity	40 - 70 % RH	
Physical	Product Dimension (H x V x D)	237.8 x 184.8 x 12.3 mm	308.6 x 229.6 x 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

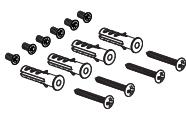
VB097 :



E-Paper × 1



Power cable × 1



Screw set × 1

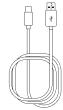


Rear bracket × 1

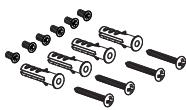
VB133 :



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) · Corner brackets × 4 · Edge brackets × 4
Installation Methods	Bracket-mounted Rear bracket	1. Bracket-mounted Rear bracket 2. Glass-mounted (8 brackets included. Arrange freely.) Adhesive brackets 2 edge + 2 corner brackets Easy take-out

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