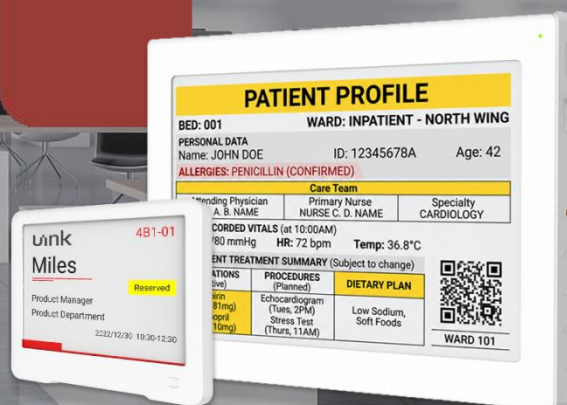


uink Four-Color E-Paper Display

VC042 & VC097 Series



Introduction

The VC042 & VC097 Series are high-contrast four-color (Black, White, Red, Yellow) e-paper displays, providing text-first, color-coded information delivery. The series features low power consumption and versatile mounting options, offering a durable, maintenance-free, and eco-friendly display solution. You can also update contents both locally and remotely across diverse applications.

Key Features



Brilliant 4-Color Display

Sleek design with black, white, red, yellow visuals.



Low Power Consumption

Extra-long standby and maintenance-free operation



Durable & Reliable

IP65 dust- and water-resistant (selected model).



Wireless Management

Simple remote management via uink RMS Platform & mobile app.



Versatile Connectivity

Support Wi-Fi, BLE, LoRa, Cat.1. (selected model)



Customizable Templates

Text, images, and QR codes, fully customizable (selected model).

Applications



Business & Office

Employee name | Job title | Desk number | Desk availability | etc.



Healthcare & Hospital

Doctor/Patient name | Room/Bed number | Status alerts | Quick notifications | etc.



Education & Campus

Classroom occupancy | Teacher/Room info | Short event alerts | etc.



Resort & Hotel

Room number/status | Guest name | Check-in/check-out alerts | etc.



Logistics & Factory

Machine/line status | Operator info | Shipment alerts | etc.



Transportation & Outdoor

Arrival/departure alerts | Gate/platform info | Quick route notices | etc.



Dining & QSR

Order/queue status | Table number | Daily specials | etc.



Retail & Market

Price/stock alerts | Product ID | Quick promotions | etc.



B

W

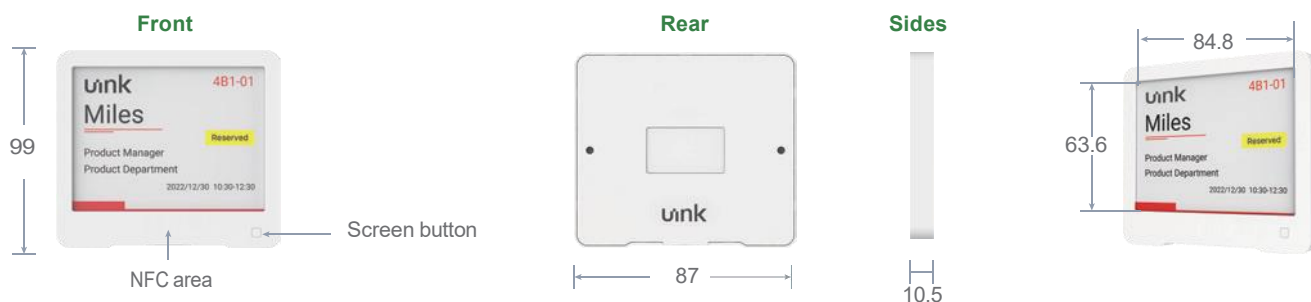
R

Y

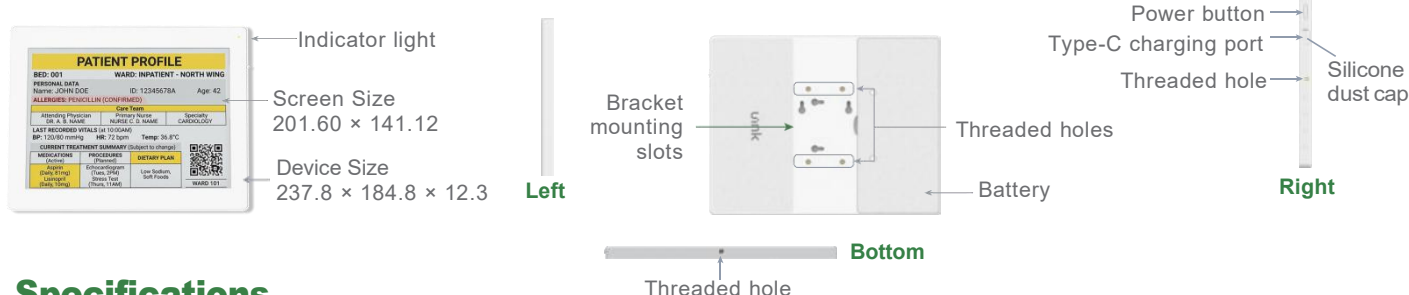
Product Overview

Unit: mm

VC042



VC097



Specifications

	Series	VC042	VC097
Display	Screen Size	4.2-inch	9.7-inch
	Display Color	Black, White, Red, Yellow	
	Active Zone (H × V)	84.8 × 63.6 mm	201.60 × 141.12 mm
	Pixel Pitch	0.212 × 0.212 mm	0.210 × 0.210 mm
	Resolution	400 × 300 pixels	960 × 672 pixels
	Visual Angle	178°	
	Orientation	Landscape	Landscape / Portrait
	PPI	120	121
	Contrast	Min 15 Typ. 20	Min 15 Typ. 22
	Response Time	Typ. 16 s	Typ. 20 s
Interface	Data Transmission Interface	NFC	Type-C, NFC*
	Network Interface	LoRa	Wi-Fi & BLE (LoRa / Cat.1 optional)
Power	Battery Type	1770 mAh 3V (Non-Rechargeable)	4300 mAh 3.7 V (Rechargeable)/ 15000 mAh 3 V (Non-rechargeable)
	Battery Life (Rechargeable)	/	10 months (3 refreshes / day)
	Battery Life (Non-Rechargeable)	5 years (Class A, 3 refreshes / day)	36 months (3 refreshes / day)
Environmental	Operating Temperature	0 - 40 °C	
	Operating Humidity	40 - 70 % RH	
Physical	Product Dimension (H × V × D)	99 × 87 × 10.5 mm	237.8 × 184.8 × 12.3 mm
	Net Weight	95.2 g	568 g
	Casing Color	White	Black / White
	Buttons	Reset (built-in)/ Screen button (external)	Reset + Reboot (built-in) Power button (external)
	Installation	Bracket / Adhesive	

*Available in future software updates.

Package Contents

VC042

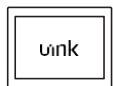


Four-Color E-Paper × 1



3M Double-Sided Tape × 1

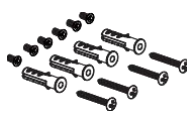
VC097



E-Paper × 1



Power cable × 1



Screw set × 1



Rear bracket × 1

Installation Methods

Series	VC042	VC097
Included Mounting Accessories	3M Double-Sided Tape	Rear bracket
Installation Methods	Wall Mounting via 3M Tape or Wall Screws	Bracket-mounted  Anti-theft rear bracket

Recommended Accessories



uink gateway
(with built-in
server)



uink RMS
Platform



uink app