

# Uink Four-Color E-Paper Display

VC042 Series



## Introduction

The VC042 Series is a 4.2-inch four-color (Black, White, Red, Yellow) e-paper display designed for smart labels. Featuring low power consumption, NFC configuration, and LoRa connectivity, it enables users to update information easily both locally and remotely. With long battery life and versatile mounting options, the VC042 Series offers a durable, maintenance-free, and eco-friendly display solution.

## Key Features



### Brilliant 4-Color Display

Light 4.2" screen with Black, White, Red, Yellow.



### Customizable Templates

Text, images, and QR codes, fully customizable.



### Bulk Remote Configuration

Supports multicast, updating multiple devices at once for efficient management.



### Multi-Language Support

Up to 150 languages for versatile usage.



### Flexible Content Updates

Modify content via NFC locally or LoRa remotely.



### Long Battery Life & Durability

Replaceable batteries lasting over 5 years with IP30 protection.

## 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.

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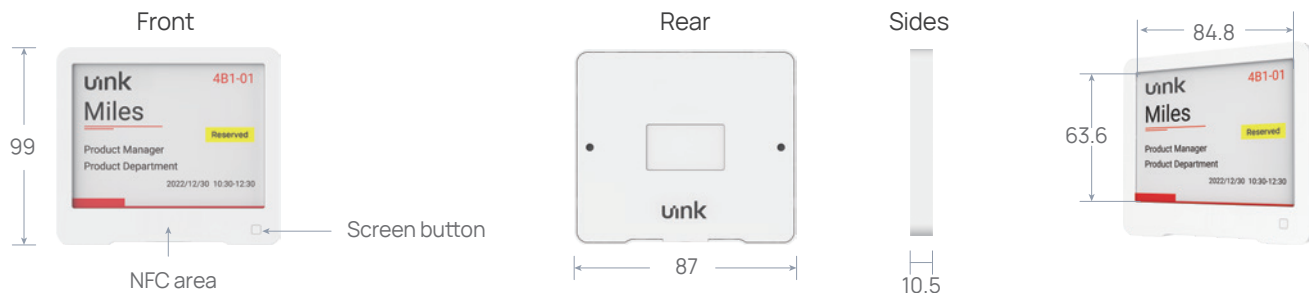


## Product Overview

Unit: mm

Product Dimensions:

Active Zone:



## Specifications

<b>Display</b>	Screen Size	4.2-inch
	Display Color	Black, White, Red, Yellow
	Active Zone (H × V)	84.8 × 63.6 mm
	Pixel Pitch	0.212 × 0.212 mm
	Resolution	400 × 300 pixels
	Visual Angle	178°
	Orientation	Landscape
	PPI	120
	Contrast	Min 15 Typ. 20
	Response Time	Typ. 16 s
	Preset Templates	Hot desk reservation / Workplace display
<b>Interface</b>	Data Transmission Interface	NFC
	Network Interface	LoRa
<b>Power</b>	Battery Type	Lithium batteries × 3 3 × 590 mAh
	Battery Life (Non-Rechargeable, 1 refresh / day)	5 years
<b>Environmental</b>	Operating Temperature	0 - 40 °C
	Operating Humidity	0 - 95 % RH
<b>Physical</b>	Product Dimension (H × V × D)	99 × 87 × 10.5 mm
	Net Weight	95.2 g
	Casing Color	White
	User Controls	1 built-in reset button + 1 external multi-function screen button + 1 buzzer
	Installation	Wall mount (3M tape / screws)

## Package Contents



Four-Color E-Paper × 1



3M Double-Sided Tape × 1

## Recommended Accessories



uink Gateway (with built-in server)



uink Cloud



uink App