

Introduction

The VC042 Series is a 4.2-inch four-color (Red, Yellow, White, Black) 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 Red, Yellow, White, and Black.



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 I Job title I Desk number I Desk availability I etc.



Logistics & Factory

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



Healthcare & Hospital

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



Transportation & Outdoor

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



Education & Campus

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



Dining & QSR

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



Resort & Hotel

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



Retail & Market

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



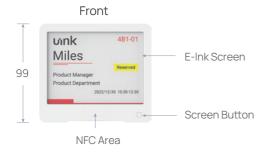
R

Υ



Product Overview
Unit: mm

Product Dimensions:









Specifications

Display	Screen Size	4.2 - inch
	Display Color	Red, Yellow, White, Black
	Active Zone (H×V)	84.8 x 63.6 mm
	Pixel Pitch	0.212 x 0.212 mm
	Resolution	400 x 300 pixels
	Visual Angle	178°
	Orientation	Landscape
	Response Time	Тур. 16s
	Preset Templates	Hot desk reservation/Workplace display
Interface	Data Transmission Interface	NFC
	Network Interface	LoRa
Power	Battery Type	Lithium Batteries*3 3 × 590mAh
	Battery Life (Non-Rechargeable,1 refresh/day)	60 months
Environmental	Operating Temperature	0-40°C
	Operating Humidity	0-95% RH
Physical	Product Dimension (H×V×D)	99 × 87 × 10.5 mm
	Net Weight	0.0952KG (with batteries)
	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







3M Double-Sided Tape × 1



Screw set × 1

Recommended Accessories







uink Cloud



Android & iOS







