

uink Full-Color E-Paper Display

VE100, VE133 & VE315 Series



Introduction

The VE100, VE133, and VE315 Series are vivid full-color e-paper displays designed for a wide range of indoor and outdoor signage applications. Delivering rich, high-contrast visuals with exceptional readability, they bring dynamic color expression and clarity to every environment. With ultra-low power consumption, versatile connectivity, and durable construction, these displays offer a reliable and eco-friendly solution for modern visual communication.

Key Features



Full-Color E6 Technology

Vivid colors for dynamic visuals.



High Resolution & Clarity

Up to 200 PPI sharp and detailed content.



Durable & Reliable

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



Wireless Management

Simple remote management via uink RMS platform & mobile app.



Versatile Connectivity

Wi-Fi, BLE, LoRa, Cat.1.



Year-Long Standby

Up to 3 years of operation depending on model and usage.

Applications



Healthcare &

Hospital Patient room signage | Department navigation | Queue info | etc.



Education & Campus

Class schedules | Lecture announcements | Event boards | etc.



Business & Office

Meeting room displays | Employee directory | Floor guidance | etc.



Resort & Hotel

Guest info display | Event schedules | Room status boards | etc.



Logistics & Factory

Production dashboards | Equipment status | Safety instructions | etc.



Transportation & Outdoor

Arrival/departure info | Route maps | Bus/train stop displays | etc.



Dining & QSR

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

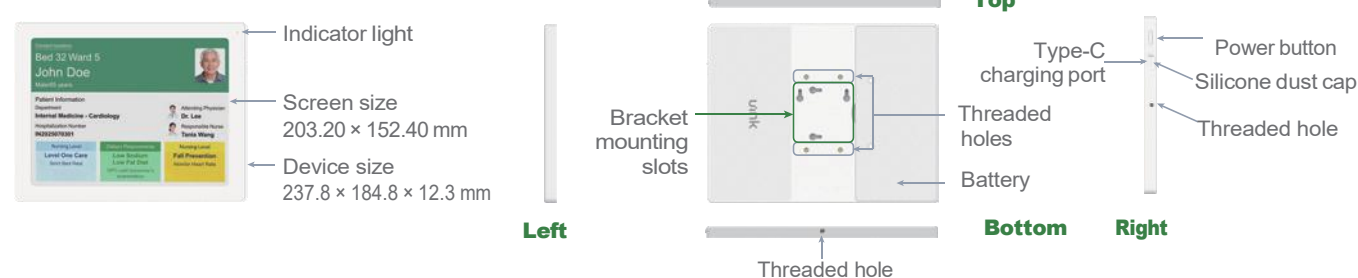


Retail & Market

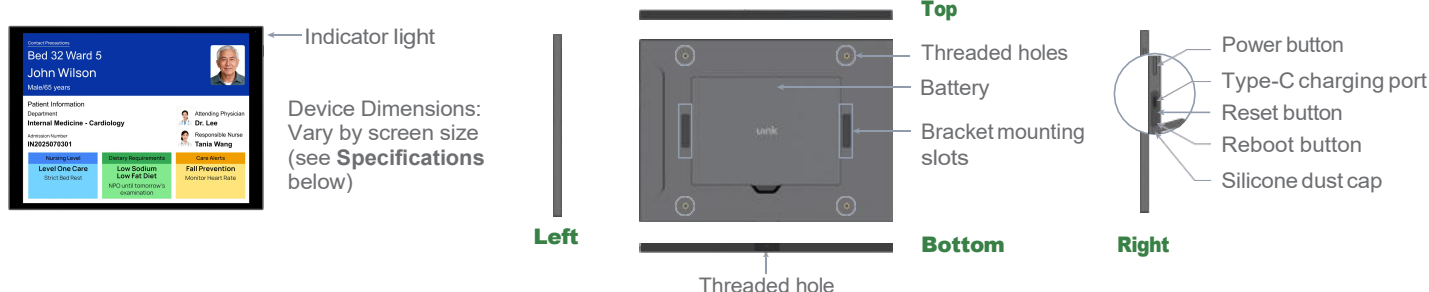
Promotional signage | Product highlights | Store navigation | etc.

Product Overview

VE100 :



VE133/VE315 :



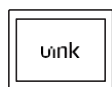
Specifications

Display	Series	VE100	VE133	VE315
	Screen Size	10-inch	13.3-inch	31.5-inch
	Display Color	Black, White, Yellow, Red, Green, Blue		
	Active Zone (H × V)	203.20 × 152.40 mm	270.4 × 202.8 mm	696.32 × 391.68 mm
	Pixel Pitch	0.127 × 0.127 mm	0.169 × 0.169 mm	0.272 × 0.272 mm
	Resolution	1600 × 1200 pixels	1600 × 1200 pixels	2560 × 1440 pixel
	Visual Angle	178°		
	Orientation	Landscape / Portrait		
	PPI	200	150	94
	Contrast	Min 15 Typ. 22		
	Response Time	25s		
Interface	Data Transmission Interface	Type-C, NFC*		
	SD Card Slot	Supported		
	Network Interface	Wi-Fi & BLE (LoRa / Cat.1 optional)		
Power	Battery Type (Rechargeable)	4300 mAh 3.7 V	5000 mAh 3.7 V	6000 mAh 5V
	Battery Type (Non-Rechargeable)	15000 mAh 3 V		/
	Battery Life (Rechargeable)	6 months (3 refreshes / day)	9 months (3 refreshes / day)	10 days (3 refreshes / day)
	Battery Life (Non-Rechargeable)	24 months (3 refreshes / day)	30 months (3 refreshes / day)	/
Environmental	Operating Temperature	0 - 50 °C		
	Operating Humidity	40 - 70 % RH		30 - 90 % RH
Physical	Product Dimension (H × V × D)	237.8 × 184.8 × 12.3 mm	303.9 × 219.3 × 10 mm	747 × 415 × 14.5 mm
	Net Weight	568 g	737 g	2910g
	Casing Color	White / Black		
	Built-in Buttons	Reset, Reboot	/	/
	External Buttons	Power button	Power button + Reset + Reboot	
	Installation	Bracket / Adhesive		

*Available in future software updates.

Package Contents

VE100 :



E-Paper × 1



Power cable × 1



Screw set × 1



Rear bracket × 1

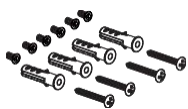
VE133/315 :



E-Paper × 1



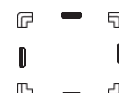
Power cable × 1



Screw set × 1



Rear bracket × 1



(Optional) Adhesive brackets × 8

Installation Methods

Mounting accessories and installation methods vary by model.

	VE100	VE133/315
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 Anti-theft rear bracket	1. Bracket-mounted Anti-theft rear bracket 2. Glass-mounted (8 brackets included. Arrange freely.) 2 edge + 2 corner brackets Easy take-out 4 corner brackets Fixed mount 3. VESA-mounted (for VE315)

Ordering Info for VE100X / VE133X

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.

Ordering Info for VE315X

Variant	Network Interface			Rechargeable Battery
	Wi-Fi+BLE	LoRa	Cat. 1	
A	√			√
B	√	√		√
C	√		√	√

Recommended Accessories



uink Gateway
(with built-in server)



uink RMS Platform



uink App