PAPERCAST®

BRING YOUR INFORMATION TO LIFE

The world leader in battery and solar powered e-paper displays

www.papercast.com

THE QUEEN'S AWARDS FOR ENTERPRISE: INTERNATIONAL TRADE 2021

E-PAPER DISPLAY SPECIFICATIONS

OUTDOOR

Ruggedized IK09 and IP67 fully standalone e-paper displays are supplied in an aluminum enclosure with toughened front glass, designed for easy installation to an existing bus stop pole or shelter.

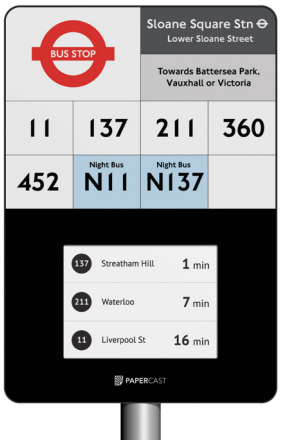
ALL DISPLAYS IN THIS RANGE OFFER:

Communications	Cellular, WiFi, Ethernet
Power supply	Solar, Battery, PoE, Mains
Operating temperature	Grayscale: -4°F – +158°F Color: +5°F – +149°F

OPTIONS:

- Illumination
- Text-to-speech
- Interactive functionality

	▼ 13” J2	▼ 23” J2	▼ 13” J2 TRIPLE
Product code: Grayscale	D13M1PIBV	D23M2PIBV	D13M3PIBV
Product code: Color	D13K1PIBV	D23K2PIBV	D13K3PIBV
Pigment: Grayscale	16 levels of Gray	16 levels of Gray	16 levels of Gray
Pigment: Color	4096	4096	4096
Display resolution	1600 x 1200 pixels	3200 x 1200 pixels	4800 x 1200 pixels
Dimension	18.5” x 10.5” x 2.5”	30” x 10.5” x 2.5”	41.25” x 10.5” x 2.5”
Weight	15.5 lb	24 lb	37 lb
Mounting type	Round Post / Square Post / Wall	Round Post / Square Post / Wall	Round Post / Square Post / Wall



Reverse side can feature additional 13” display

	▲ 13” FLAG	▲ 13” SINGLE-SIDED FLAG	13” DOUBLE-SIDED FLAG
Product code: Grayscale	F13M1LIHF	O13FPBL1D	O13FPBL2D
Pigment: Grayscale	16 levels of Gray	16 levels of Gray	16 levels of Gray
Display resolution	1600 x 1200 pixels	1600 x 1200 pixels	1600 x 1200 pixels
Dimension	27.5” x 18.75” x 2.25”	14.5” x 11” x 8”	14.5” x 11” x 9”
Weight	35 lb	25.5 lb	38.5 lb
Mounting type	Round Post / Square Post / Wall	Round Post / Square Post / Wall	Round Post / Square Post / Wall

E-PAPER DISPLAY SPECIFICATIONS

OUTDOOR

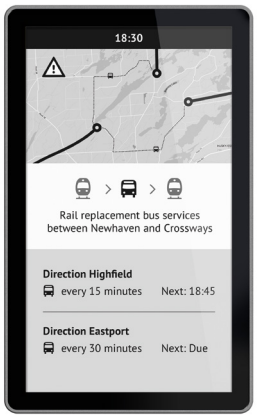
ALL DISPLAYS IN THIS RANGE OFFER:

Communications	Cellular, WiFi, Ethernet
Power supply	Solar, Battery, PoE, Mains
Operating temperature	Grayscale: -4°F – +158°F Color: +5°F – +149°F

OPTIONS:

- Illumination
- Text-to-speech
- Interactive functionality

	▼ 13" OF2	▼ 23" OF2	▼ 25" OF2
Product code: Grayscale	D13M1PIDV	D23M2LIDH	D25M1PIDV
Product code: Color	D13K1PIDV	–	D25K1PIDV
Pigment: Grayscale	16 levels of Gray	16 levels of Gray	16 levels of Gray
Pigment: Color	4096	–	4096
Display resolution	1600 x 1200 pixels	3200 x 1200 pixels	3200 x 1800 pixels
Dimension	13.5" x 10.75" x 2"	30" x 10.5" x 2.5"	24" x 14" x 2"
Weight	14 lb	23 lb	15 lb
Mounting type	VESA 200	VESA 200	VESA 200



	▲ 28" OF2	▲ 32" OF2	▲ 42" OF2
Product code: Grayscale	D28M1LIDH	D32M1PIDV	D42M1PIDV
Pigment: Grayscale	16 levels of Gray	16 levels of Gray	16 levels of Gray
Display resolution	3840 x 1080 pixels	2560 x 1440 pixels	2880 x 2160 pixels
Dimension	29.75" x 10.5" x 2.25"	30.25" x 18.5" x 2.25"	37.75" x 29.25" x 2.25"
Weight	27.5 lb	55 lb	112.5 lb
Mounting type	VESA 600 x 200	VESA 200	VESA 400

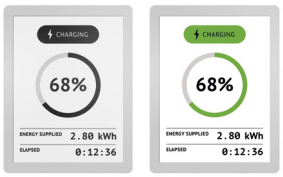
INDOOR

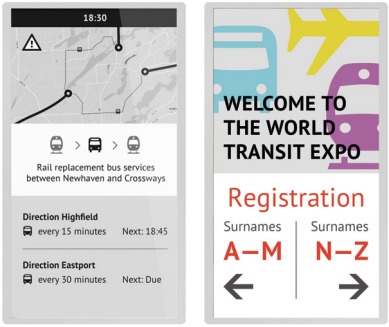
Ultra slimline and lightweight indoor e-paper displays are designed to be installed on stands, walls or within a third party enclosure. With industry leading power efficiency, the displays can run on batteries longer than any other display technology. Wirelessly connected to our cloud-based Content Management System, they can be positioned anywhere and moved from location to location with ease.

ALL DISPLAYS IN THIS RANGE OFFER:

Communications	Cellular, WiFi, Ethernet
Power supply	Battery, PoE, Mains
Operating temperature	Grayscale: -4°F – +158°F Color: +32°F – +122°F

	▼ 13” IN2	▼ 25” IN2
Product code: Grayscale	D13M1PNFV	D25M1PNFV
Product code: Color	D13S1PNFV	D25S1PNFV
Pigment: Grayscale	16 levels of Gray	16 levels of Gray
Pigment: Color	60K color gamut	60K color gamut
Display resolution	1600 x 1200 pixels	3200 x 1800 pixels
Dimension	12.25” x 9.25” x 2.0”	23.75” x 14” x 1.5”
Weight	5.5 lb	11 lb
Mounting type	VESA 100	VESA 100





	▲ 32” IN2	▲ 42” IN2
Product code: Grayscale	D32M1PNFV	D42M1PNFV
Product code: Color	D32S1PNFV	–
Pigment: Grayscale	16 levels of Gray	16 levels of Gray
Pigment: Color	60K color gamut	–
Display resolution	2560 x 1440 pixels	2880 x 2160 pixels
Dimension	28.25” x 18.5” x 2.25”	36” x 27” x 1.75”
Weight	16.5 lb	29.5 lb
Mounting type	VESA 200	VESA 400

POWER OPTIONS

SOLAR

Papercast solar power modules have been designed for sustained high performance and to complement the contemporary design of our e-paper displays.

	20W SOLAR	40W SOLAR
Product code	P20W20AHB	P40W40AHB
Dimension	17.5” x 13.5” x 16.5”	22.25” x 25.25” x 16.5”
Weight	15.5 lb	26.5 lb
Peak power (Pmax)	20W	40W
Nominal voltage	12.8V	12.8V
Max. charge current	12A	12A
Mounting Type	Round Post / Square Post / Wall	Round Post / Square Post / Wall
Solar battery operating temperature	-49°F – +176°F	-49°F – +176°F

BATTERY

Papercast’s groundbreaking energy efficiency and ultra-low power design make it an excellent choice for battery-powered applications – its integrated, replaceable long-life battery supports several years of operation.

	NON-RECHARGEABLE BATTERY J2	NON-RECHARGEABLE BATTERY
Dimension	3.25” x 9.75” x 1.5”	11” x 9.75” x 1.5
Weight	3.7 lb	9.9 lb
Peak power (Pmax)	17W	17W
Nominal voltage	14.4V	14.4V
Mounting Type	Round Post / Square Post / Wall	Round Post / Square Post / Wall
Battery operating temperature	+5°F – +185°F	+5°F – +185°F

Download the brochure here

FEATURES AT A GLANCE

E-paper display

Sunlight readable
High contrast HD E Ink displays with night time LED illumination

Low power
Market leading power, processing and data performance

Battery powered
Runs on batteries longer than any other display technology

Fully rechargeable
Solar powered outside and mains rechargeable when used indoors

Wireless connectivity
Optimized data compression and transmission

Display options
Standard and custom display configurations

Seamless refresh
Local content rendering and partial display update

Fully protected
Ruggedized IP67 & IK09 rated outdoor displays

Easy installation
Standalone 'off-the-grid' display, installed in hours

Complete control
Bespoke cloud based advanced management system

Instant integration
Simple integration supporting major open standards

Eco-friendly
Sustainable and environmentally friendly technology

Cloud-based Content Management System

Easy onboarding
Register and activate new displays using the management platform in just a few clicks

Instant integration
Offers simple integration with GTFS, GTFS RT, SIRI and other data standards

Complete freedom
The ultimate flexibility to customize content exactly how you want

Make it your own
Create and customize your own layouts, apps and widgets using javascript Node.JS

When it suits you
Publish content instantly or schedule for certain times

Reduce perceived wait times
Share local news and information or generate advertising revenue

Have absolute control
Manage every aspect of every display, at any time, from any device

Stay protected
Receive notification in the event of attempted vandalism