



BRING YOUR INFORMATION TO LIFE

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

# E-PAPER DISPLAY SPECIFICATIONS

## OUTDOOR

Ruggedized IK09 and IP67 fully standalone wireless, solar or battery powered e-paper displays are supplied in an aluminium enclosure with toughened front glass, designed for easy installation to an existing bus stop pole or shelter. All displays are available with optional illumination, text-to-speech and interactive functionality such as changing the display content and selecting different languages.

	▼ 13"	▼ 23"	▼ 13" TRIPLE
Dimension	469 x 269 x 65 mm	757 x 269 x 65 mm	1046 x 269 x 65 mm
Weight	7 kg	11 kg	16.5 kg
Display resolution	1600 x 1200 pixels	3200 x 1200 pixels	4800 x 1200 pixels
Pigment	Greyscale (16 levels of grey) Colours (4096)	Greyscale (16 levels of grey) Colours (4096)	Greyscale (16 levels of grey) Colours (4096)
Communication	Cellular, WiFi, Ethernet	Cellular, WiFi, Ethernet	Cellular, WiFi, Ethernet
Power supply	Solar, Battery, PoE, Mains	Solar, Battery, PoE, Mains	Solar, Battery, PoE, Mains
Mounting type	Round Post / Square Post / Wall	Round Post / Square Post / Wall	Round Post / Square Post / Wall



### ▲ 13" BATTERY POWERED FLAG

Dimension	699 x 479 x 55 mm
Weight	16 kg
Display resolution	1600 x 1200 pixels
Pigment	Greyscale (16 levels of grey) Colours (4096)
Communication	Cellular, WiFi, Ethernet
Power supply	76Ah 14.4V Lithium Thionyl Chloride Long Life Battery
Duration	≈ 3 years
Mounting type	Round Post / Square Post / Flag

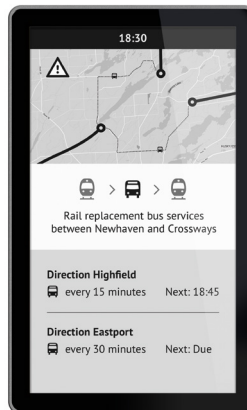
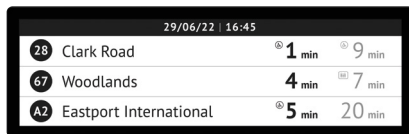
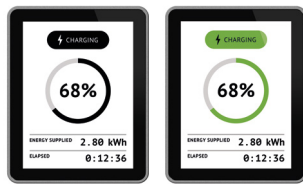
### ▲ 13" BATTERY POWERED COMPACT

Dimension	380 x 292 x 95 mm
Weight	11 kg
Display resolution	1600 x 1200 pixels
Pigment	Greyscale (16 levels of grey) Colours (4096)
Communication	Cellular, WiFi, Ethernet
Power supply	76Ah 14.4V Lithium Thionyl Chloride Long Life Battery
Duration	≈ 3 years
Mounting type	Round Post / Square Post / Flag

# E-PAPER DISPLAY SPECIFICATIONS

## OUTDOOR

	▼ 13"	▼ 23"	▼ 25"
Dimension	345 x 276 x 50 mm	634 x 276 x 50 mm	608 x 357 x 50 mm
Weight	6.5 kg	10.5 kg	7 kg
Display resolution	1600 x 1200 pixels	3200 x 1200 pixels	3200 x 1800 pixels
Pigment	Greyscale (16 levels of grey) Colours (4096)	Greyscale (16 levels of grey) Colours (4096)	Greyscale (16 levels of grey) Colours (4096)
Communication	Cellular, WiFi, Ethernet	Cellular, WiFi, Ethernet	Cellular, WiFi, Ethernet
Power supply	Solar, Battery, PoE, Mains	Solar, Battery, PoE, Mains	Solar, Battery, PoE, Mains
Mounting type	VESA 200	VESA 200	VESA 200



	▲ 28"	▲ 32"	▲ 42"
Dimension	755 x 262 x 50 mm	772 x 470 x 58 mm	957 x 740 x 59 mm
Weight	10 kg	25 kg	51 kg
Display resolution	3840 x 1080 pixels	Greyscale 2560 x 1440 pixels RGB 1280 x 720 pixels	2880 x 2160 pixels
Pigment	Greyscale (16 levels of grey)	Greyscale (16 levels of grey)	Greyscale (16 levels of grey)
Communication	Cellular, WiFi, Ethernet	Cellular, WiFi, Ethernet	Cellular, WiFi, Ethernet
Power supply	Solar, Battery, PoE, Mains	Solar, Battery, PoE, Mains	Solar, Battery, PoE, Mains
Mounting type	VESA 600 x 200	VESA 200	VESA 400



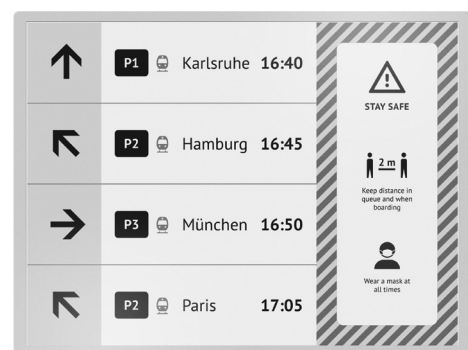
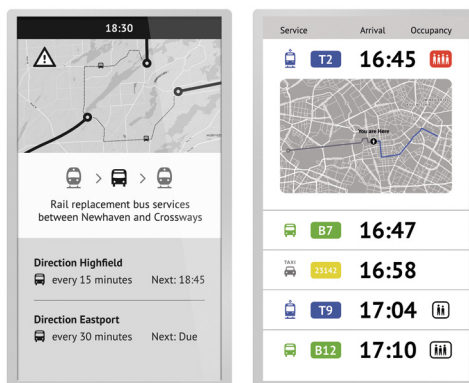
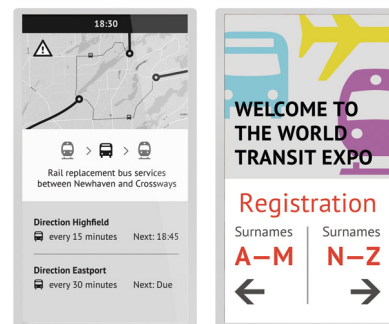
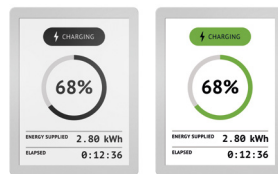
# E-PAPER DISPLAY SPECIFICATIONS

## 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.

	13"
Dimension	310 x 237 x 44 mm
Weight	2.5 kg
Display resolution	1600 x 1200 pixels
Pigment	Greyscale (16 levels of grey) Colours (60K colour gamut)
Communication	Cellular, WiFi, Ethernet
Power supply	Solar, Battery, PoE, Mains
Mounting type	VESA 100

	25"
Dimension	602 x 353 x 37 mm
Weight	2.5 kg
Display resolution	3200 x 1800 pixels
Pigment	Greyscale (16 levels of grey) Colours (60K colour gamut)
Communication	Cellular, WiFi, Ethernet
Power supply	Solar, Battery, PoE, Mains
Mounting type	VESA 100



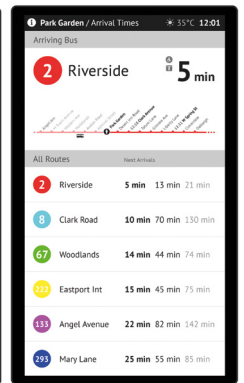
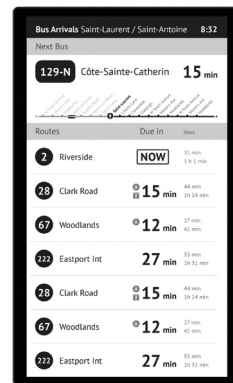
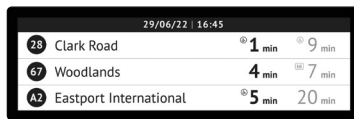
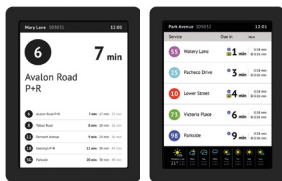
	32"
Dimension	717 x 426 x 44 mm
Weight	7.5 kg
Display resolution	Greyscale 2560 x 1440 pixels RGB 1280 x 720 pixels
Pigment	Greyscale (16 levels of grey) Colours (60K colour gamut)
Communication	Cellular, WiFi, Ethernet
Power supply	Solar, Battery, PoE, Mains
Mounting type	VESA 200

	42"
Dimension	915 x 688 x 43 mm
Weight	13.5 kg
Display resolution	2880 x 2160 pixels
Pigment	Greyscale (16 levels of grey)
Communication	Cellular, WiFi, Ethernet
Power supply	Solar, Battery, PoE, Mains
Mounting type	VESA 400

## OEM

OEM e-paper displays are designed for seamless integration within the customer's enclosure or structures, as a replacement to legacy technologies or for new digital deployments. With wireless, battery and solar capabilities as standard, all models come with optional illumination, interactive functions and text-to-speech modules

	▼ 13"	▼ 28"	▼ 32"
Dimension	324 x 249 x 48 mm	727 x 235 x 50 mm	724 x 433 x 47 mm
Weight	2.5 kg	6 kg	8.5 kg
Display resolution	Greyscale 1600 x 1200 pixels RGB 1600 x 1200 pixels	3840 x 1080 pixels	Greyscale 2880 x 2160 pixels RGB 1280 x 720 pixels
Pigment	Greyscale (16 levels of grey) Colours (4096)	Greyscale (16 levels of grey)	Greyscale (16 levels of grey) Colours (4096)
Communication	Cellular, WiFi, Ethernet	Cellular, WiFi, Ethernet	Cellular, WiFi, Ethernet
Power supply	Solar, Battery, PoE, Mains	Solar, Battery, PoE, Mains	Solar, Battery, PoE, Mains
Mounting type	VESA 100 x 100	450 x 140 mm	VESA 200 x 200



## POWER OPTIONS

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	▼ LONG LIFE BATTERY
Dimension	447 x 345 x 418 mm	568 x 642 x 422 mm	86 x 250 x 36mm
Weight	7 kg	12 kg	1.7 kg
Peak power (Pmax)	20W	40W	17W
Type of cell	36 (2 x 18) Polycrystalline cells	72 (4 x 18) Polycrystalline cells	Lithium Thionyl Chloride
Nominal voltage	12.8V	12.8V	14.4V
Nominal capacity	24Ah 48Ah	24Ah 48Ah	76Ah
Max. charge current	12A	12A	-
Mounting Type	Round Post / Square Post / Wall	Round Post / Square Post / Wall	Round Post / Square Post / Wall



## 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

Optimised data compression and transmission



### Display options

Standard and custom display configurations



### Seamless refresh

Local content rendering and partial screen 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 customise 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