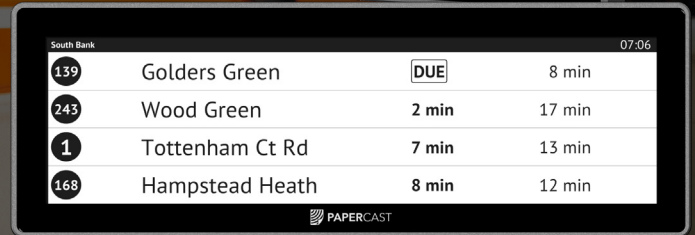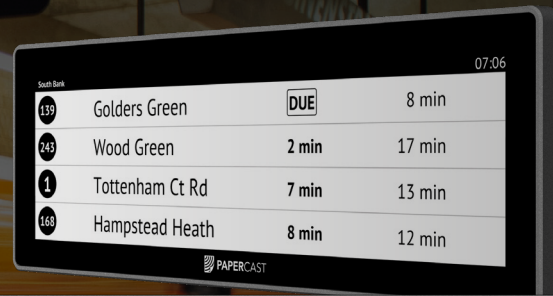**PAPERCAST®**

PRODUCT INFORMATION

28" Outdoor E-paper Display

IK08 and IP65 rated outdoor e-paper displays are supplied in a ruggedized enclosure with toughened front glass, designed to be installed within the customer's own structures or to any fixed surface. With wireless, battery and solar capabilities as standard, all models come with optional illumination, interactive functions and text-to-speech modules

GENERAL

Dimensions	758 x 269 x 59 mm (29.84" x 10.59" x 2.32")
Weight	12.5 kg (27.6 lb)
Mounting type	VESA 200 x 200 mm
Enclosure colour	Bezel: RAL 9005 (Jet Black); Interpon 610 – Bismuth (Textured) / Custom Colours

DISPLAY

Greyscale:

Active display area	680.5 x 189.5 mm
Display resolution (Pixels)	3840 x 1080
Displayed colour	Greyscale (16 levels of grey)

Colour:

Active display area	–
Display resolution (Pixels)	–
Displayed colour	–
Illumination (optional)	Embedded LED front illumination, adjustable
Mean time before failure	>8 years (At 20°C and 65% Humidity)

ENVIRONMENT

Operating temp (Greyscale)	-20°C – 70°C
Operating temp (Colour)	–

POWER OPTIONS

Solar power	20W or 40W 24Ah or 48Ah
Rechargable battery (integrated)	–
Long-life battery	LiSoCl2 14.4v 133Ah
Mains power	90-250Vac 50-60hz to 12vdc 5A
Street light power	90-250Vac 50-60hz to 12vdc 24Ah LiFePO
Power over Ethernet (PoE)	✅

CONNECTIVITY OPTIONS

Cellular network	2G, 3G, 4G, LTE
WiFi (optional)	Dual band (2.4/5 GHz) 802.11 ac/b/g/n
Ethernet (optional)	10/100/1000 Mbps
Bluetooth (optional)	Bluetooth 4.1

ACCESSIBILITY

Text-to-speech (optional)	✅
External push button (optional)	✅
Braille button ID (optional)	✅

CERTIFICATIONS

IP65 Ingress Protection Rating	✅
IK08 Impact Protection Rating	✅

MANAGEMENT & CONTROL

Real-time data integration: GTFS, SIRI, API open standards, bespoke

Content management: Fully configurable graphical area, award-winning design system, defined & custom layouts & templates, Paperstore app & widget library

Device control: Set-up, power, connectivity, activity periods, content mode, illumination, text-to-speech, interactive modes

Monitoring & diagnostics: Temperature, humidity, power status, data consumption, movement detection, analytics & reporting

Alarms & notifications: Via text, email or dashboard for various alert conditions

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