PAPERCAST®

13" Outdoor E-paper Display

Ruggedized IK09 and IP67 rated outdoor e-paper displays are supplied in an aluminium enclosure with toughened front glass, optimised for pole mount or to any other 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	345 x 276 x 50 mm
Weight	6.5 kg
Mounting type	Compatible with standard display mounts (VESA 200 x 200 mm)
Enclosure colour	Bezel: RAL 9005 (Jet Black); Interpon 610 – Bismuth (Textured) / Custom Colours

DISPLAY

Greyscale:

Active display area	267 x 200 mm
Display resolution (Pixels)	1600 x 1200
Grey levels	16

Colour:

Active display area	267 x 200 mm
Display resolution (Pixels)	1600 x 1200
Displayed colour	4096
Illumination (optional)	Embedded LED front illumination, adjustable
Mean time before failure	>12 years (At 20°C and 65% Humidity)

ENVIRONMENT

Operating temp (Greyscale)	-20°C – 70°C
Operating temp (Colour)	-15°C – 65°C

POWER OPTIONS

Solar power	20W or 40W 24Ah or 48Ah
Integrated rechargable battery	–
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)	IEEE 802.3af standard

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

Certificate of Conformity (CE)	✓
Certificate of Conformity (UL)	✓
IP67 Ingress Protection Rating	✓
IK09 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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