PAPERCAST®

42" Indoor E-paper Display

Ultra slimline and lightweight indoor e-paper displays are designed to be installed within the customer's own enclosures or structures. With industry leading power efficiency, the displays run on rechargeable batteries longer than any other display technology. Wirelessly connected to the content management system, they can be positioned anywhere and moved from location to location with ease

GENERAL

Dimensions	915 x 688 x 43 mm
Weight	13.5 kg
Mounting type	Compatible with standard display mounts (VESA 400 x 400 mm)
Enclosure colour	Bezel: RAL 7035 (Light Grey); RAL 9005 (Jet Black)

DISPLAY

Greyscale:

Active display area	854 x 640 mm
Display resolution (Pixels)	2880 x 2160
Grey levels	16

Colour:

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

ENVIRONMENT

Operating temp (Greyscale)	5°C - 45°C
Operating temp (Colour)	–

POWER OPTIONS

Solar power	–
Integrated rechargable battery	6.4Ah 11.1v Lion
Long-life battery	LiSoCl2 14.4v 133Ah
Mains power	90-250Vac 50-60hz to 12vdc 5A
Street light power	–
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