

PAPERCAST[®]

PRODUCT INFORMATION

42" Outdoor
E-paper Display

IK09 and IP67 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

Dimension (L x H x W)	740 x 957 x 63 mm
Weight	50 kg (110.2 lb)
Mounting type	Embedded (VESA 400 M8)
Colour	RAL 9006 Custom colours also available

DISPLAY

Display resolution	Greyscale 2160 x 2880 pixel
Active display area	640 x 860 mm
Pigment	Greyscale (16 levels of grey)
Display type	Reflective
Illumination	Optional embedded LED front illumination, adjustable
Ambient light sensor	Optional

ENVIRONMENT

Operating temperature	Greyscale: -20°C to +70°C (-4°F to +158°F)
Protection	IK09 and IP67

CONNECTIVITY

Communication	Mobile network / WiFi / Ethernet
Mobile network	3G or optional 4G/LTE
Mobile network antenna	Internal (external antenna optional)
WiFi (optional)	Dual band (2.4/5 GHz) 802.11 ac/b/g/n
WiFi antenna (optional)	External
Ethernet (optional)	10/100/1000 Mbps

ELECTRICAL

Power supply	12 V DC (from AC mains via power supply) or 12 V DC solar panel
Power consumption (1 min data update)	70 mA (without illumination) 200 mA (illuminated)
Power consumption (Text-to-speech)	100 mA (without illumination) 160 mA (illuminated)
Power consumption (User interaction)	110 mA (without illumination) 170 mA (illuminated) Support for full shutdown with timer
Power supply connector	Male 5-pin circular waterproof
Ethernet connector	Ethernet circular waterproof

CERTIFICATIONS

Certificate of Conformity, Environmental, Electromagnetic Compatibility (EMC), Radio Equipment Directive (RED), Ingress Protection Rating (min IP67), Impact Protection Rating (min IK09).

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508
Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050
Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28
Business Registration Number: 07699660