PAPERCAST®

23" Outdoor E-paper Display (Wide)

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

Dimension (L x H x W)	635 x 284 x 59mm
Weight	10.1 kg (22.2 lb)
Mounting type	Custom Pole / Wall clamp with security fixing
Colour	RAL 9006 Custom colours also available

DISPLAY

Display resolution	3200 x 1200 pixels
Active display area	540 x 203 mm
Pigment	Greyscale (16 levels of grey)
Display type	Reflective
Illumination	Embedded LED front illumination, adjustable
Ambient light sensor	Optional

ENVIRONMENT

Operating temperature	Greyscale: -20°C to +70°C (-4°F to +158°F)
Protection	IP65

CONNECTIVITY

Communication	Mobile network or WiFi or 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)	Internal / 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)	50 mA (without illumination) 70 mA (illuminated)
Power consumption (Text-to-speech)	65 mA (without illumination) 85 mA (illuminated)
Power consumption (User interaction)	75 mA (without illumination) 95 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 IP65), Impact Protection Rating (min IK08)