

PRODUCT INFORMATION

32" 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)	760 x 460 x 50 mm
Weight	24 kg (52.9 lb)
Mounting type	Embedded (VESA 200 M8)
Colour	RAL 9006 Custom colours also available

DISPLAY

Display resolution	RGB 1280 x 720 pixel Greyscale 2560 x 1440 pixels
Active display area	690 x 390 mm
Pigment	RGB (4 bit levels for each RGBW channel) 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	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)	50 mA (without illumination) 100 mA (illuminated)
Power consumption (Text-to-speech)	90 mA (without illumination) 140 mA (illuminated)
Power consumption (User interaction)	100 mA (without illumination) 150 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).