

PRODUCT INFORMATION

23" 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

Dimensions	634 x 276 x 50 mm
Weight	10.5 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	546 x 200 mm
Display resolution (Pixels)	3200 x 1200
Displayed colour	16

Colour:

Active display area	-
Display resolution (Pixels)	-
Displayed colour	-

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)	-

POWER OPTIONS

Solar power	20W or 40W 24Ah or 48Ah
Rechargeable battery (integrated)	-
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)	<input checked="" type="checkbox"/>

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)	<input checked="" type="checkbox"/>
External push button (optional)	<input checked="" type="checkbox"/>
Braille button ID (optional)	<input checked="" type="checkbox"/>

CERTIFICATIONS

Certificate of Conformity (CE)	<input checked="" type="checkbox"/>
Certificate of Conformity (UL)	<input checked="" type="checkbox"/>
IP67 Ingress Protection Rating	<input checked="" type="checkbox"/>
IK09 Impact Protection Rating	<input checked="" type="checkbox"/>

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