



## PRODUCT INFORMATION

# 13" Triple Outdoor E-paper Display

Ruggedized IK09 and IP67 rated outdoor e-paper displays are supplied in an aluminium enclosure with toughened front glass, optimized for pole mount or to any other 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) | 274 x 1086 x 59 mm                        |
| Weight                | 16.7 kg (36.8 lb)                         |
| Mounting type         | Custom pole clamp with security fixing    |
| Colour                | RAL 9006<br>Custom colours also available |

## DISPLAY

|                      |                                             |
|----------------------|---------------------------------------------|
| Display resolution   | 1200 x 4800 pixels                          |
| Active display area  | 203 x 810 mm                                |
| Pigment              | Greyscale (16 levels of grey)               |
| Display type         | Reflective                                  |
| Illumination         | Embedded LED front illumination, adjustable |
| Ambient light sensor | Optional                                    |

## ENVIRONMENT

|                       |                                               |
|-----------------------|-----------------------------------------------|
| Operating temperature | Greyscale:<br>-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)<br>80 mA (illuminated)                                          |
| Power consumption (Text-to-speech)    | 70 mA (without illumination)<br>100 mA (illuminated)                                         |
| Power consumption (User interaction)  | 80 mA (without illumination)<br>110 mA (illuminated)<br>Support for full shutdown with timer |
| Power supply connector                | Male 5-pin 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.

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