

PANEL

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| Technology | E Ink Monochrome |
| Active Area | 270.4 (H) x 202.8 (V) mm |
| Resolution | 1600 x 1200 px |
| Pixel Pitch | 0.169 (H) x 0.169 (V) mm |
| Contrast Ratio | Min 10:1, Standard 17:1 |
| Viewing Angle | > 170° |
| Number of Grey | 16 Grey Levels Monochrome |
| Operating Temperature | 0°C to +50°C (4 bit images) -20°C to 0°C (1bit images) |
| Storage Temperature | -45°C to +85°C |
| Relative Humidity | 5-95% non-condensing |
| Refresh Time | < 1 sec |
| Frontlight | up to 20 cd/m ² |
| Power Consumption | Display: 1.7 W @12V Frontlight: max 0.4 W @12V (Dimmable) |
| Suggested Power Supply | Available on request |
| PoE (Power over Ethernet) | 1A @ 12V |
| IP Rate | IP67 |

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| Weight | 7 Kg |
| External Dimensions | 327 x 250 x 57.4 mm (without fixing brackets) |

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| Software Architecture | Linux OS |
| Content Management | HTML, JS, CSS (web page), JSON (LoRa) |
| Connectivity | Cellular (4G) / LAN Ultra Low Power (LoRaWAN) optional |
| Display Management | API, Local Webserver or GDS DMS - Device Management Server |
| Diagnostic | Possibility to remotely manage diagnostic data log |
| Sensors | Possibility to add sensors to measure external parameters (temperature, weather, humidity, urban traffic flow, pollution, etc..) |
| Backup Circuit | Integrated backup system up to 30minutes without main power (OPTIONAL) |

OPTIONAL ACCESSORIES

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| Battery | One or more batteries Deep Cycle AGM, 12V, 22 Ah Dimensions: 181 x 77 x 167 mm Weight: 5.8 Kg |
| Solar Panel | 12V Poly per 30Wp / 50 Wp / 80 Wp |
| Solar Charge Controller | MPPT model |
| 4G Antenna | Dimensioni: D 48 mm x A 164 mm |

SPECIAL FEATURES

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|--|---|
| | Screen optical & thermal bonding: G+Bond™, Frontal AG glass IK min 08, LED edge embedded front lighting: G+Natural-Light™ |
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CERTIFICATION

CE

