

PANEL

Technology	E Ink Monochrome
Active Area Module A	270.4 (H) x 202.8 (V) mm
Active Area Module B	270.4 (H) x 202.8 (V) mm
Resolution Module A	1600 x 1200 px
Resolution Module B	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	Optional
Power Consumption (4G / LTE)	Display: 1.7 W @12V Frontlight: max 0.4 W @12V (Dimmable)
PoE (Power over Ethernet)	Available on request
IP Rate	IP67

Weight	18 Kg
External Dimensions	663 x 336 x 105 mm (with fixing brackets)

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

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

SPECIAL FEATURES

Screen optical & thermal bonding: G+Bond™, Frontal AG glass IK min 08

CERTIFICATION

CE

