

PANEL

Technology	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/m²
Power Consumption	Display: 1.7 W @12V Frontlight: max 0.4 W @12V (Dimmable) Available on request
IP Rate	IP67 (certificate according to CEI EN60529 regulation)

Weight	9 Kg
External Dimensions	483.3 x 259 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)

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
Antenna 4G	Dimensioni: D 48 mm x A 164 mm

SPECIAL FEATURES

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

CERTIFICATION

CE

