

- 7 inches TFT.
- Wide viewing angle and high brightness.
- Integrated ARM Quad Core CPU.
- Optional protection glass or touch panel.
- Fully configurable manual and automatic dimmer.
- Metal frame.
- Wide power supply options available.
- Extended operating temperature range.
- LED backlight lifetime min. 50.000h.

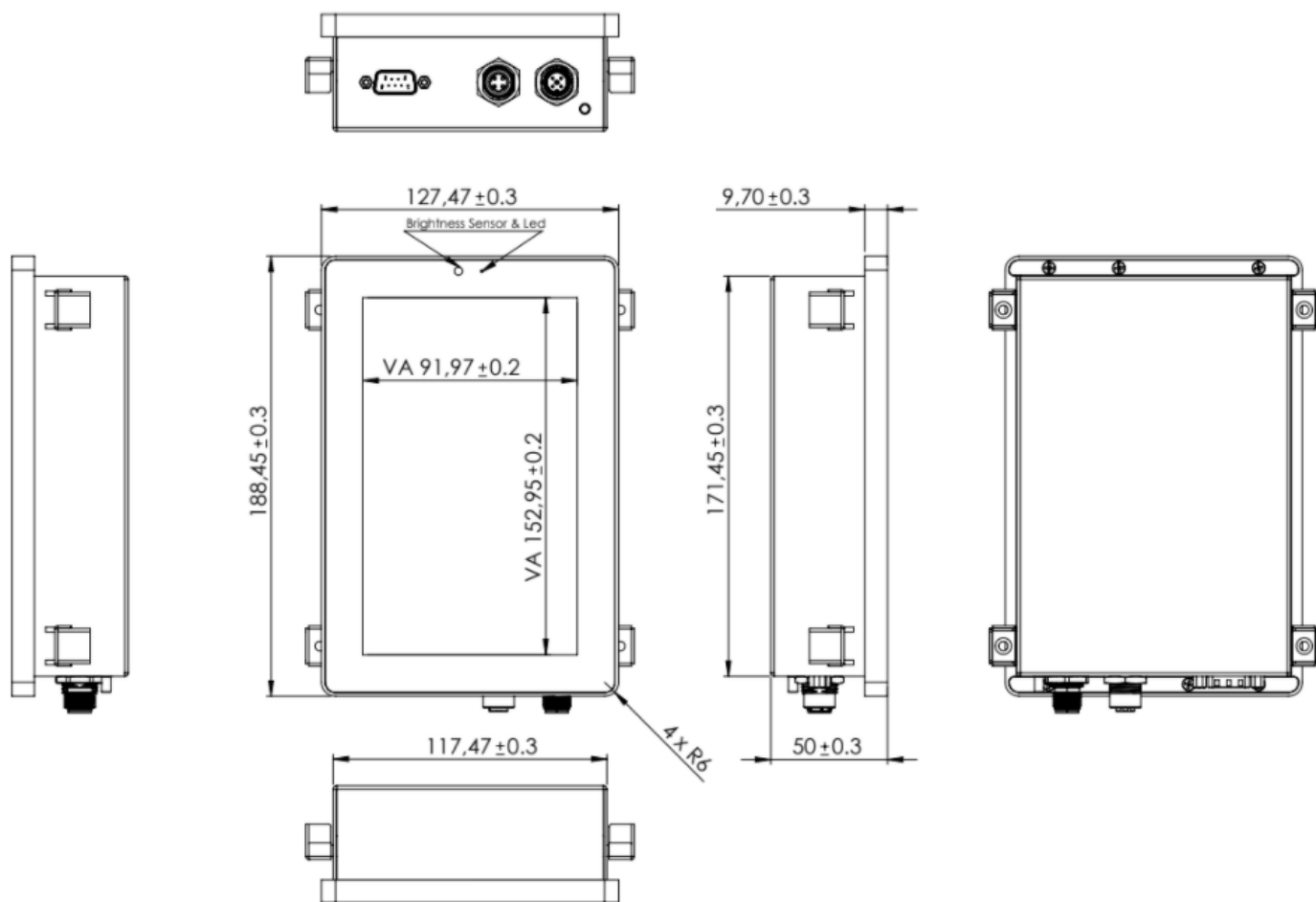


General Specification	
Size	7.0 inches
Resolution / Aspect	800 x 480 px
Display Area	154.08 x 85.92 mm
Inputs	Power / UART
Audio	Optional Audio Output Stereo 2x1.5W
Cover Lens / Touch	CS Glass / Projected Capacitive Touch
Power Supply	9-36VDC / 43-160VDC / 14-160VDC - M12 A Coded
Power Consumption	<15W
MTBF / Lifespan	Backlight: min. 50.000h (autodimming)
Warranty	24 months
Certification	EN50155* EN45545*
Mounting Type	Panel Mount
IP	IP65 front, IP40 rear. Optional full IP65
Mechanical and Environment	
Dimension	(see drawing for details)
Weight	1.5 Kg
Enclosure	Aluminum, Powder Paint
Operation Temp.	-25°C to 70°C
Storage Temp.	-30°C to 80°C
Vibrations / Shock	1G 2-500Hz / 10G 11ms
Optical Specification	
Brightness	600 nits, LED backlight.
Dimmer	Fully configurable Dimmer with Internal Sensor (optional)
Contrast Ratio	Min 500:1
Viewing Angle	130° H, 140° V
Response Time	25 ms
Optical Finish (optional)	Anti-glare / Anti-reflective / None
Enhancements (Optional)	Sunlight Readable and Transflective Enhancements Available

*Upon request

CPU Specification (ARM)	
Cores	Quad-core ARM Cortex-A17
Frequency	1.8GHz
DDR	Up to 4G DDR4
Graphics	Mali-T760 MP4 GPU
Storage	Internal 8 to 16G eMMC , external TF/SD
Watchdog	Configurable watchdog
I/O	
Ignition	Integrated digital input for IGN control
RS232/485	RS232 / RS485 Port

Drawing



Images



Ordering Information							
Model	CPU	RAM/Flash	I/O	Interfaces	Power Supply	Brightness	Touch/Cover
Custom Options							