

- 10.1" inches wide aspect.
- Wide viewing angle and high brightness.
- Integrated Quad Core ARM CPU.
- Optional touch panel, Glass or PMMA 3mm.
- Fully configurable manual and automatic dimmer.
- Slim frame and reduced depth.
- Wide power supply options available.
- Extended range operating temperature.
- LED backlight lifetime min. 50.000h.
- Customizable front touch buttons
- USB charging port
- Audio output x 2 (jack 3.5mm)



General Specification	
Size	10.1 inches
Resolution / Aspect	1024 x 600 / 1280 x 800px
Interfaces	Ethernet / WiFi
Audio	Optional Audio Output
Touch	Resistive 5 Wires / Projected Capacitive
Power Supply	9-36V DC / 43-160VDC / 14-160VDC
Power Consumption	10W
MTBF / Lifespan	Controller and LCD: 100.000h Backlight: min. 50.000h
Warranty	24 months
Certification	CE
Mounting Type	Stand Alone. 4 x M4 fixing
Mechanical and Environment	
Dimension	see drawing for details
Weight	1.25Kg
Enclosure	Steel and Aluminum. Powder Paint / Anodized Color: Black. Custom colors available
Operation Temp.	-25°C to 70°C
Storage Temp.	-30°C to 80°C
Vibrations / Shock	1G 2-500Hz / 10G 11ms
IP Rating	IP65 front, IP54 rear
Optical Specification	
Brightness	500 nits, LED backlight.
Dimmer	Fully configurable Dimmer with Internal Sensor (included) and External Sensor (optional)
Contrast ratio	800:1
Viewing Angle	178° H, 178° V
Response Time	16 ms
Optical Finish	Anti-glare/Anti-reflective
Enhancements	Sunlight Readable and Transflective Enhancements Available

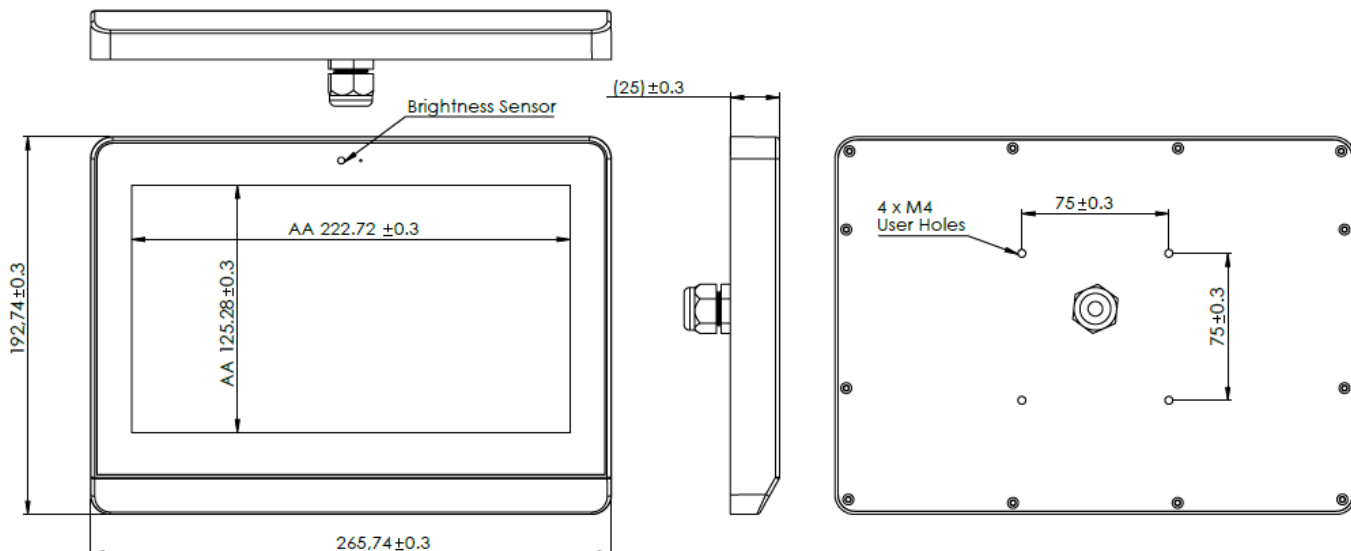
\*Upon request

CPU Specification	
Cores	Quad-core ARM Cortex-A17
Frequency	1.8GHz
DDR	Upto 4G DDR4
Graphics	Mali-T760 MP4 GPU
Storage	Internal 8 to 16G eMMC , external TF/SD
Watchdog	Configurable watchdog
I/O	
Ethernet	1 x Base10/100, optional Gigabit, M12 Connector D Coded
USB	USB 2.0 x 1 M12 connector, USB 2.0 x 1 Type A
Ignition	Integrated digital input for IGN control
Digital I/O	8 Input or 4 in 4 Out optional
Video	Optional DVI / HDMI Output
Audio	Optional Line In / Line Out

### Images



**Drawing**



**Ordering Information**

Model	CPU	RAM/Flash	Cover Glass/ Touch	Brightness	Power Supply.	Angle	Operation Temp.
IMP101-T18-R28-2NSC-1	ARM	2G / 8G	1.8 mm Tempered	500nits	9-36VDC	178H/178V	-20°C to 70°C

**Accessories**
