IPPS-0702-HMI0-NP00-1001
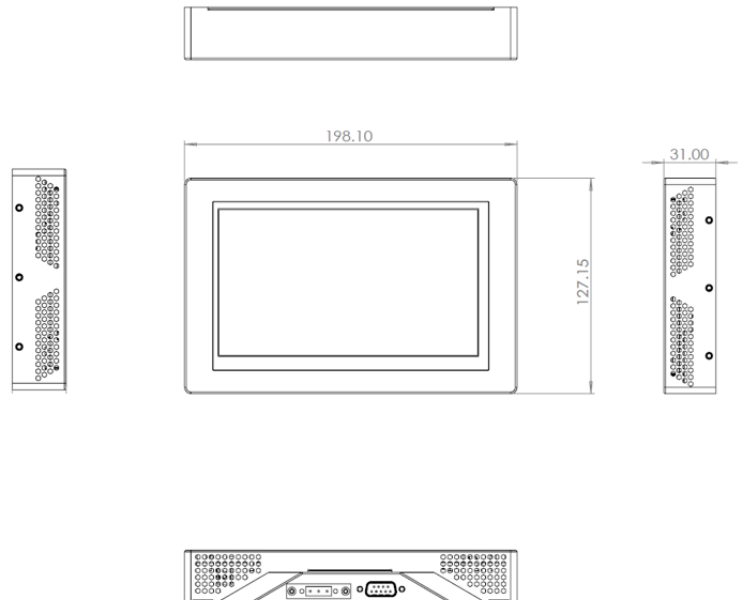
7'' P-CAP HMI module with STM32F746 MCU, RS485

Key feature

- ST STM32 series MCU
- Wide temperature、wide viewing angle design
- Iron chassis with fan-less design
- Low power consumption
- Support capacitive touch panel (CTP)、50x50mm VESA bracket
- Communication Interface : RS485
- Built-in with GUI builder, easy to change the user interface
- Suitable for industrial applications (Dashboard、Aftermarket)

Product specification

Display	
LCD display size	7 inch
Display type	LED, Normally White
Resolution	1024 x 600
Luminance/Brightness	Min:400 (cd/m2); Typ:450 (cd/m2)
Pixel pitch	0.1506mm x 0.1432mm
Aspect Ratio	16:9
Contrast ratio	Min:600,Typ:800
Viewing angle	85/85/85/85
Touch Panel	Projected Capacitive Touch Screen, PCAP
Main System	
Communication Interface	RS485
MCU	STM32F746
Flash Memory	16MB
System I/O	RS485
System controls	ModBus
Power supply	+12V power supply input with 5V to 16V dynamic range power input
Environment	
Operating temperature	-20℃~70℃
Storage temperature	-30℃~80℃
Relative humidity	60℃,90%RH
Dimensions	198.1x127.15x31

➢ Dimensions

➢ Ordering information

Part Number	Description
IPPS-0702-HMI0-NP00-1001	7'', 450nits,1024x600, P-CAP, STM32F746, RS485, 16MB Flash Memory, DC5V~16V

➢ Rear I/O