

# IPPS-1012-HMIO-NP00-1001

10.1" P-CAP HMI module with STM32F746 MCU, RS485



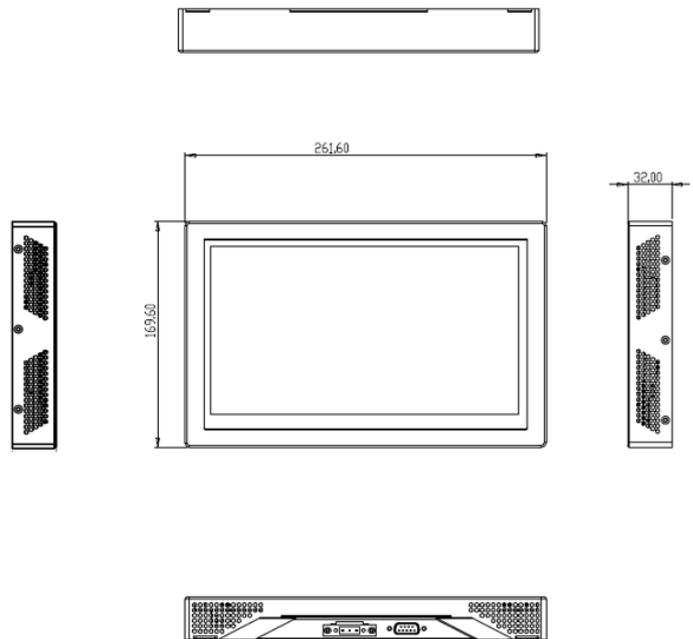
## Key feature

- 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	10.1 inch
Display type	TFT, Normally Black, Transmissive
Resolution	1024 x 600
Luminance/Brightness	Min:300(cd/m2), Typ:400 (cd/m2)
Pixel pitch	0.2175mm x 0.2088mm
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 input, 24V Max
Environment	
Operating temperature	-20°C~70°C
Storage temperature	-30°C~80°C
Relative humidity	60°C,90%RH
Dimensions	261.6x169.6x32

## ➤ Dimensions



## ➤ Ordering information

Part Number	Description
IPPS-1012-HMIO-NP00-1001	10.1", 400nits,1024x600, P-CAP, STM32F746, RS485, 16MB Flash Memory, DC12V

## ➤ Rear I/O

