# IPPS-0702-HMI0-NP00-1001

High Contrast Ratio

Touch Screen

Wide Temp.

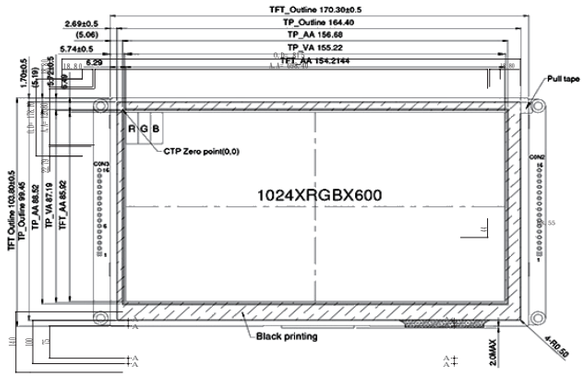
## Key Features

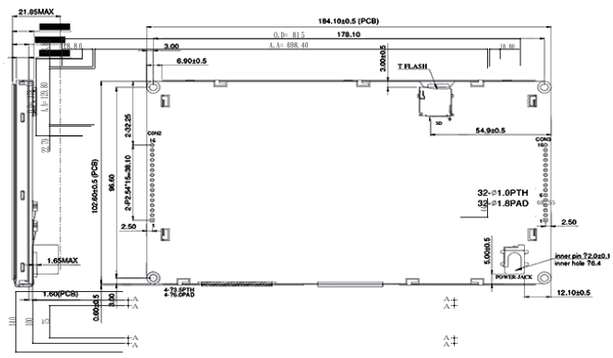
- High contrast ratio
- Wide temperature design
- Wide range power suppourt
- Support capacitive touch panel (CTP)

## Product Specification

| | |
|---|---|
| Display | |
| LCD display size | 7 inch |
| Display type | LED, Normally White |
| Resolution | 1024 x 600 |
| Luminance/Brightness | Min:400; Typ:450 (cd/m2) |
| Pixel pitch (H/V) | 0.1506mm x 0.1432mm |
| Aspect Ratio | 16:9 |
| Contrast ratio | 800 (Min: 600) |
| Viewing angle | 85/85/85/85 |
| Touch Panel | Projected Capacitive Touch Screen, PCAP |
| Main System | |
| Communication Interface | RS485 differential ± 3.3 |
| MCU | STM32F746 |
| Flash Memory | 16MB |
| System I/O | RS485, USART, UART, JTAG |
| System controls | ModBus |
| Power supply | +12V power supply input with 5V to 16V dynamic range power input<br>(the power consumption around 6 Watt. ) |
| Environment | |
| Operating temperature | -20°C ~ 70°C |
| Storage temperature | -30°C ~ 80°C |
| Relative humidity | 60% ~ 90% RH |
| Dimensions | 184.1(W) x 103.8(H) x 22(D) |
| Weight | 0.28 kg |

## Dimensions




## Ordering Information

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



*All specifications and photos are subject to change without prior notice