

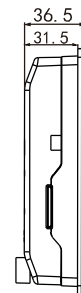
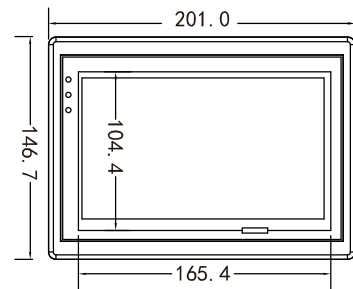
## SPECIFICATIONS

## OVERVIEW

|              |                                 |  |
|--------------|---------------------------------|--|
| Main         | Model                           | PI8070-R                                     |
|              | OS                              | Linux 3.2.0 QT based                         |
|              | Processor                       | Cortex A8 600MHz                             |
| Display      | Size                            | 7"   |
|              | Screen                          | TFT  |
|              | Resolution                      | 800*480                                      |
|              | Color                           | 16,000k colors                               |
|              | Brightness (cd/m <sup>2</sup> ) | 300.0  |
|              | Backlight                       | LED  |
|              | Backlight Lifetime              | 50,000 hours                                 |
| Storage      | Touch Panel                     | High precision four-wire resistive           |
|              | Memory                          | 512 MB                                       |
|              | Flash                           | 2 GB   |
|              | SD Card Slot                    | Yes  |
| RTC          | USB Port                        | USB2.0 Host + USB2.0 Client                  |
|              | Real-time clock                 | Yes  |
|              | Calendar                        | Yes  |
| I/O Port     | COM1                            | CN1:RS422/RS485 CN2: RS232                   |
|              | COM2                            | CN1:RS485 CN2: RS232                         |
|              | COM3                            | RS485  |
| Power        | Ethernet                        | x1   |
|              | CANopen                         | Optional                                     |
|              | Wi-Fi                           | --   |
|              | 4G LTE                          | --   |
| Enclosure    | Rated Power                     | < 10W  |
|              | Power Voltage                   | DC 24V                                       |
|              | Input range                     | DC 12 ~ 28V                                  |
|              | Shell Color                     | Grey   |
| Environment  | Shell Material                  | ABS  |
|              | Overall Size (mm)               | 200.1W*146.0H*36.5D                          |
|              | Mounting Size (mm)              | 192.0W*138.0H                                |
|              | Mounting Method                 | Panel Mount                                  |
|              | Weight (Kg)                     | 0.6  |
| Software     | Working Temperature             | -10 ~ 60°C                                   |
|              | Storage Temperature             | -30 ~ 70°C                                   |
|              | Humidity                        | 10 ~ 90 %RH (Non-condensing)                 |
|              | Vibration Resistance            | 10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes) |
| Certificates | Cooling                         | Air Cooling                                  |
|              | Programming                     | PIStudio                                     |
|              | Remote Access                   | WAN  |
|              | Email Alarm                     | --   |
|              | IP Camera                       | --   |
| Software     | Audio Output                    | --   |
|              | Video Player                    | --   |
|              | IP Code                         | IP65 (Front panel)                           |
| Certificates | CE                              | CE Marked                                    |
|              | FCC                             | FCC Class A                                  |
|              | UL                              | --   |



## DIMENSION



## SOFTWARE

