

| Model    | COM    | Ethernet | Monitoring | Alarm | Data Record | Validity | WIFI / 4G | Pass-through | Script |
|----------|--------|----------|------------|-------|-------------|----------|-----------|--------------|--------|
| PI3070ig | 2 in 1 | 1        | 100        | 20    | 50          | 60 days  | 4G        | Serial       | YES    |

## SPECIFICATIONS

|              |                      |                                              |
|--------------|----------------------|----------------------------------------------|
| Main         | OS                   | Linux 4.9.11 QT based                        |
| Display      | Processor            | Cortex A35 1.2GHz                            |
|              | Size                 | 7"                                           |
|              | Screen               | TFT                                          |
|              | Resolution           | 800*480                                      |
|              | Color                | 16,000k colors                               |
|              | Brightness (cd/m2)   | 250                                          |
|              | Backlight            | LED                                          |
|              | Backlight Lifetime   | 50,000 hours                                 |
| Storage      | Touch Panel          | High precision four-wire resistive           |
|              | Memory               | 128 MB                                       |
|              | Flash                | 128 MB                                       |
|              | SD Card Slot         | YES                                          |
|              | USB Port             | USB2.0 Host + USB2.0 Client                  |
| RTC          | Real-time clock      | --                                           |
|              | Calendar             | Yes                                          |
| I/O Port     | COM1                 | CN1:RS422/RS485<br>CN2:RS232<br>CN3:RS485    |
|              | COM2                 | --                                           |
|              | COM3                 | --                                           |
|              | Ethernet             | x1                                           |
|              | CANopen              | --                                           |
|              | Wi-Fi                | --                                           |
|              | 4G LTE               | Optional                                     |
| Power        | Rated Power          | < 15W                                        |
|              | Power Voltage        | DC 24V                                       |
|              | Input range          | DC 12 ~ 28V                                  |
| Enclosure    | Shell Color          | Grey                                         |
|              | Shell Material       | PC+ABS                                       |
|              | Overall Size (mm)    | 201.2W*147.2H*39.0D                          |
|              | Mounting Size (mm)   | 192.0W*138.0H                                |
|              | Mounting Method      | Panel Mount                                  |
| Environment  | Weight (Kg)          | 0.52                                         |
|              | Working Temperature  | 30 ~ 70°C                                    |
|              | Storage Temperature  | -10 ~ 60°C                                   |
|              | Humidity             | 10 ~ 90%RH (Non-condensing)                  |
|              | Vibration Resistance | 10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes) |
| Software     | Cooling              | Air Cooling                                  |
|              | Programming          | PIStudio                                     |
|              | Remote Access        | --                                           |
|              | Email Alarm          | --                                           |
|              | IP Camera            | --                                           |
|              | Audio Output         | --                                           |
|              | Video Player         | --                                           |
|              | Data Tool            | Yes                                          |
| Certificates | IP Code              | IP65 (Front panel)                           |
|              | CE                   | CE Marked                                    |
|              | FCC                  | FCC Class A                                  |
|              | UL                   | --                                           |

