

SPECIFICATIONS

| | | | |
|----------------|----------------------|--|-------------|
| Main | Model | PI3102ig-O | |
| | OS | Linux 4.4.0 QT based | |
| Display | Processor | Cortex A35 1.2GHz | |
| | Size | 10.2" | |
| | Screen | TFT | |
| | Resolution | 1024*600 | |
| | Color | 16,000k colors | |
| | Brightness (cd/m2) | 350 | |
| | Backlight | LED | |
| | Backlight Lifetime | 50,000 hours | |
| | Touch Panel | High precision four-wire resistive | |
| | Storage | Memory | 128 MB |
| Flash | | 128 MB | |
| SD Card Slot | | YES | |
| USB Port | | USB2.0 Host + USB2.0 Client | |
| RTC | | Real-time clock | Yes |
| I/O Port | Calendar | Yes | |
| | COM1 | CN1:RS422/RS485 CN2:RS232 CN3:RS485 | |
| | COM2 | -- | |
| | COM3 | -- | |
| | Ethernet | x1 | |
| | CANopen | -- | |
| | Power | Rated Power | < 10W |
| | | Power Voltage | DC 24V |
| | | Input range | DC 12 ~ 28V |
| | | Shell Color | Grey |
| Enclosure | Shell Material | Plastic+ABS(Polycarbonate) | |
| | Overall Size (mm) | 272.0W*191.0H*41.5D | |
| | Mounting Size (mm) | 260.0W*179.0H | |
| | Mounting Method | Panel Mount | |
| | Weight (Kg) | 1.02 | |
| Environment | Working Temperature | -10 ~ 55°C | |
| | Storage Temperature | -20 ~ 70°C | |
| | Humidity | 10 ~ 90% RH (Non-condensing) | |
| | Vibration Resistance | 10 ~ 25 Hz (X, Y, Z direction 2G/30 minutes) | |
| Software | Cooling | Air Cooling | |
| | Programming | PI Studio | |
| | Remote Access | -- | |
| | Email Alarm | -- | |
| | IP Camera | -- | |
| | Audio Output | -- | |
| | Video Player | -- | |
| | Data Tool | Yes | |
| | Lua Script | Yes | |
| Lan Monitoring | Yes | | |
| Certificates | IP Code | IP65 (Front panel) | |
| | CE | CE Marked | |
| | FCC | FCC Class A | |

