



## Features

- ✓ 10" Wide screen TFT LCD Display
- ✓ 800 x 480 - 65,536 colours
- ✓ Touch screen
- ✓ 32 bits RISC 400MHz CPU Fan-less
- ✓ LED Back Light
- ✓ 1x USB 1.1 Host on Front Panel
- ✓ 1x USB 2.0 Device
- ✓ 3x COM & 1x SD Card ports
- ✓ Embedded Power Isolator

## Specification

### System

<b>CPU</b>	32Bits RISC 400MHz processor
<b>Memory</b>	64MB DDR2 on board
<b>Cooling System</b>	Fan-less

### Display

<b>Display</b>	10" Wide screen TFT LCD
<b>Luminance</b>	300cd/m <sup>2</sup>
<b>Colours</b>	65,536
<b>Contrast Ratio</b>	300:1
<b>Resolution</b>	800 x 480
<b>Viewing angle</b>	45°/65°/65°/65° (Top/Bottom/Left/Right)
<b>Backlight</b>	LED
<b>Backlight Lifetime</b>	30,000 hours

### Touch Screen

<b>Type</b>	4 wires Analog Resistive
<b>Lifetime</b>	1 million touch (with finger) minimum

### I/O

<b>Serial Port</b>	1 x COM1 (RS-232 / RS-485 2W / RS-485 4W) 1 x COM2 (RS-232) 1 x COM3 (RS-232 / RS-485 2W)
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<b>USB Port</b>	1 x USB 2.0 Device - Mini USB format 1 x USB 1.1 Host
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<b>USB Connectivity</b>	Supports a variety of USB devices: printer, bar code reader,
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### Storage

<b>Flash Memory</b>	128MB Flash Memory on board Application size up to 16MB Data and Event Log size up to 48MB
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### Mechanical

<b>Construction</b>	Plastic molding housing
<b>Dimensions</b>	271mm x 212mm x 50mm (W x H x D)
<b>Mounting Method</b>	Panel mount VESA 75 mount
<b>Panel Cutout</b>	259mm x 201mm (W x H)
<b>Weight (net)</b>	1.4Kg
<b>Power Supply</b>	DC 24 V +/- 20% (19.6~28.8V DC)
<b>Power Consumption</b>	300mA @ 24V

### Environment

<b>Storage Temp.</b>	-20~60°C (-4~140°F)
<b>Operating Temp.</b>	-10~45°C (14~113°F)
<b>Relative Humidity</b>	10~95% @ 40°C non-condensing
<b>Vibration</b>	2G peak, 10~25 Hz (X, Y, Z directions, 30 minutes)

### Certifications

<b>Front Panel</b>	NEMA 4 IP 65
<b>EMC</b>	CE (EN50081-2 & EN50082-2 standards) FCC Class A

### Programming Framework

<b>Software</b>	ViewBuilder8000 v2.0.0 or newer
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### Ordering Information

<b>PV6100i</b>	10" Wide screen 800 x 480 TFT LCD HMI, 64 DDR2 RAM, 128MB Flash memory on board
<b>RZCPV6100</b>	Cable required to download application by USB port, Mini USB to USB 2.0, 1m cable