



Features

- ✓ 4.3" Wide Screen TFT LCD Display
- ✓ 480 x 272 - 65,536 colours
- ✓ Touch screen
- ✓ 32 bits RISC 400MHz CPU Fan-less
- ✓ LED Back Light
- ✓ 1 x USB 2.0 Device
- ✓ 1 x Serial port (RS232/RS485 2W/4W)
- ✓ Built-in Power Isolator

Specification

System	
CPU	32Bits RISC 400MHz processor
Memory	64MB DDR2 on board
Cooling System	Fan-less
Display	
Display	4.3" Wide screen TFT LCD
Luminance	450cd/m ²
Colours	65,536
Contrast Ratio	500:1
Resolution	480 x 272
Viewing angle	50°/70°/70°/70° (Top/Bottom/Left/Right)
Backlight	LED
Backlight Lifetime	30,000 hours
Touch Screen	
Type	4 wires Analog Resistive
Lifetime	1 million touch (with finger) minimum
I/O	
Serial Port	1 x COM1 (RS-232 / RS-485 2W / RS-485 4W)
USB Port	1 x USB 2.0 Device - Mini USB format
Storage	
Flash Memory	128MB Flash Memory on board Application size up to 16MB Data and Event Log size up to 48MB

Mechanical	
Construction	Plastic molding housing
Dimensions	128mm x 102mm x 38mm (W x H x D)
Mounting Method	Panel mount
Panel Cutout	119mm x 93mm (W x H)
Weight (net)	0.3Kg
Power Supply	DC 24 V +/- 20% (19.6~28.8V DC)
Power Consumption	250mA @ 24V
Power Isolation	Built-in Power Isolator
Environment	
Storage Temp.	-20~60°C (-4~140°F)
Operating Temp.	0~45°C (32~113°F)
Relative Humidity	10~90% @ 40°C non-condensing
Vibration	2G peak, 10~25 Hz (X, Y, Z directions, 30 minutes)
Certifications	
Front Panel	NEMA 4 IP 65
EMC	CE (EN50081-2 & EN50082-2 standards) FCC Class A
Programming Framework	
Software	ViewBuilder8000 v3.0.0 or newer
Ordering Information	
PV6050i	4.3" Wide screen 480 x 272 TFT LCD HMI, 64 DDR2 RAM, 128MB Flash memory on board
RZCPV6100	Optional cable to download application by USB port, Mini USB to USB 2.0, 1m cable