

# RGM180

## Graphic Touch Screen



PM175X connected to RGM180-G1

The RGM180 is a 5.7" large color graphic touch screen that takes power quality and energy monitoring to a new level.

The RGM180 can display comprehensive information in easy to read screens that allow monitoring complex information at a glance.

The touch screen makes the operation and configuration so simple that it completely eliminates the need for employee training.

## Models

### RGM180-G1

The RGM180-G1 controls and monitors information from a single SATEC eXpertMeter™.

The RGM180-G1 can be connected directly without an additional power source to PM17x or ezPAC SA3x0. The PM17x is attached directly to the RGM180 (which replaces the LED display)—as shown in the image on the left). The ezPAC is connected via cable, up to 10m long. Up to 1600m cable can be used with remote power supply for both ezPAC and PM17x direct connection. The RGM180-G1 adds to existing SATEC meter devices full speed USB 2.0 capabilities.

### RGM180-G3

The RGM180-G3 controls and monitors information from several SATEC eXpertMeters™ over RS-485 or 10/100 Base-T Ethernet, using MODBUS Master protocol.

The RGM180-G3 model has two power sources—Power over Ethernet (PoE) or external AC/DC-DC/DC power supply which can be connected in parallel.



## Features

- 5.7" color graphic display with touch panel, TFT technology
- High speed RS-485 communication port at up to 480kb/s
- Wide range operating temperature: -20°C to +70°C / -4°F to +158°F
- More than 500,000 touch screen operation lifetime
- 200Mips SOC ARM9 based controller, up to 64MB RAM and 256MB NAND Flash
- Programmable system setup, including multi-language support
- Plug & Play device display detecting SATEC device type for Device Monitoring and Configuration
- Programmable screen saver
- Extends SATEC eXpertMeters™ with full speed USB 2.0 port
- Dimensions:** 7.1x8.7x1.9" / 181x221x48mm (HxWxD)