

# PVM1000

Sungrow Local SCADA for PV plant consists of local monitoring hardware and software



## SMART AND FLEXIBLE

- Insight integrated (monitoring software), monitoring of devices such as inverters, combiner boxes, transformers, power conversion systems
- Integrated fibre switch, convenient and flexible networking

## SIMPLE AND EFFICIENT

- Applicable to 200 MW utility scale power plants
- Seamless connection to iSolarCloud and easy centralized management of power plants

## SAFE AND RELIABLE

- Equipped with hardware firewall

Type designation	PVM1000
<b>Monitoring system</b>	
Server	IPC / Server
Workstation	Desktop computer
Monitoring software	Insight
<b>Switch</b>	
Number of optical fiber ports	4, 8, 16, or 24
Number of Ethernet ports	8, 16, or 20
Firewall	Optional
<b>Power supply</b>	
Power supply	200~240 VAC, 32 A, and 50 Hz
<b>Ambient parameters</b>	
Operating temperature	-20 °C~60 °C (IPC) / 10 °C ~ 35 °C (Server)
Operating humidity	≤95 % (25 °C)
<b>Communication</b>	
Communication medium networking method	Optical fiber, Ethernet bus / fiber ring
Communication protocol	IEC104 master / slave
<b>Mechanical Parameters</b>	
Dimensions (W * H * D)	600mm * 2000mm * 1000mm (Server)

# EyeM4

Wireless Communication Module for Multiple Inverter



## SMART AND FLEXIBLE

- One-click access to iSolarCloud
- One module can manage up to 10 inverters for remote maintenance and control
- Plug and play, easy installation

## CONVENIENT O&M

- Built-in Web server for monitoring and configuration, by PC or smartphone browser; no APP required
- Support of plant maintenance by remote Web access, optimized OPEX
- Support of local and remote parameter setting and firmware updates

Type designation	EyeM4
<b>Communication</b>	
Max. number of devices	10
LED display	LED × 3
<b>Wireless communication</b>	
WiFi communication	WCDMA:B1, B8 802.11 b / g / n / ac HT20 / 40 / 80 MHz 2.4 GHz / 5 GHz
<b>Power Supply</b>	
DC input	5 VDC, 0.8 A
Power consumption	<4 W
<b>Ambient conditions</b>	
Operating Temperature	-30 °C ~ 60 °C
Relative air humidity	≤95 % (non-condensing)
Elevation	≤4000 m
Protection class	IP66
<b>Mechanical parameters</b>	
Dimensions (W * H * D)	48 mm * 130 mm * 36 mm
Mounting type	Plug and Play
<b>Ordering information</b>	
EyeM4C	Support of WiFi wireless communication Apply to Global