

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
Monitoring system	
Server	IPC / Server
Workstation	Desktop computer
Monitoring software	Insight
Switch	
Number of optical fiber ports	4, 8, 16, or 24
Number of Ethernet ports	8, 16, or 20
Firewall	Optional
Power supply	
Power supply	200~240 VAC, 32 A, and 50 Hz
Ambient parameters	
Operating temperature	-20 °C~60 °C (IPC) / 10 °C ~ 35 °C (Server)
Operating humidity	≤95 % (25 °C)
Communication	
Communication medium networking method	Optical fiber, Ethernet bus / fiber ring
Communication protocol	IEC104 master / slave
Mechanical Parameters	
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
Communication	
Max. number of devices	10
LED display	LED × 3
Wireless communication	
WiFi communication	WCDMA:B1, B8 802.11 b / g / n / ac HT20 / 40 / 80 MHz 2.4 GHz / 5 GHz
Power Supply	
DC input	5 VDC, 0.8 A
Power consumption	<4 W
Ambient conditions	
Operating Temperature	-30 °C ~ 60 °C
Relative air humidity	≤95 % (non-condensing)
Elevation	≤4000 m
Protection class	IP66
Mechanical parameters	
Dimensions (W * H * D)	48 mm * 130 mm * 36 mm
Mounting type	Plug and Play
Ordering information	
EyeM4C	Support of WiFi wireless communication Apply to Global