

i-Manager

i-Manager is a data communication device for i-Energy Solar Energy Monitor System. This device monitors i-Energy i-Micro inverters connected to the photovoltaic modules. The DDP collects energy and performance data from the i-Micro inverters over in-home AC power lines and forwards that data to the i-Energy i-Monitor via the internet for statistical reporting.



Product Features

- Designed in Switzerland
- EZ setup and Plug & Play design
- Fast & stable communicates over existing electrical wires
- Real-time insight into module performance
- Readily accessible on-site Hardware
- 24/7 web-based monitoring

 Designed in Switzerland

Communication Interface

Power line	Narrowband PLC 7.5kbps
Ethernet	10/100BASE-T / IEEE 802.3™
DHCP client service	Yes

TECHNICAL DATA

AC Input Power Requirements

Min. input	90(Vrms)
Max. input	264 (Vrms)
Nominal input	100-240(Vrms)
Min. input frequency	47(Hz)
Max. input frequency	62(Hz)
Nominal input frequency	50-60(Hz)
Input power (Max.)	6W

Mechanical Date

Outside dimension (W x H x D)	20.0cm x 13.4cm x 5.0cm
Weight	380g +/-20g
Max. operation altitudes	Sea level 3000 m
Operating temperature	-10°C to +40°C
Cooling	Natural convection
Enclosure environment rating	Indoor - NEMA 1

Display

Two columns LCD display with backlight	Yes
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Safety and Standard

Compliance	IEC 60950, FCC Part 15 class B EN55022, EN55024, EN61000-3-2 EN61000-3-3
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Reliability and Warranty

Warranty period	1 year
Max. i-Micro inverter	72 pcs



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