

## AURORA CDD

### GENERAL SPECIFICATIONS INDOOR MODEL

AURORA CDD connects your PV System to the Internet in a simple a quick way.

It uses wireless communication technology to monitor each micro inverter and panel optimizer without additional wiring.

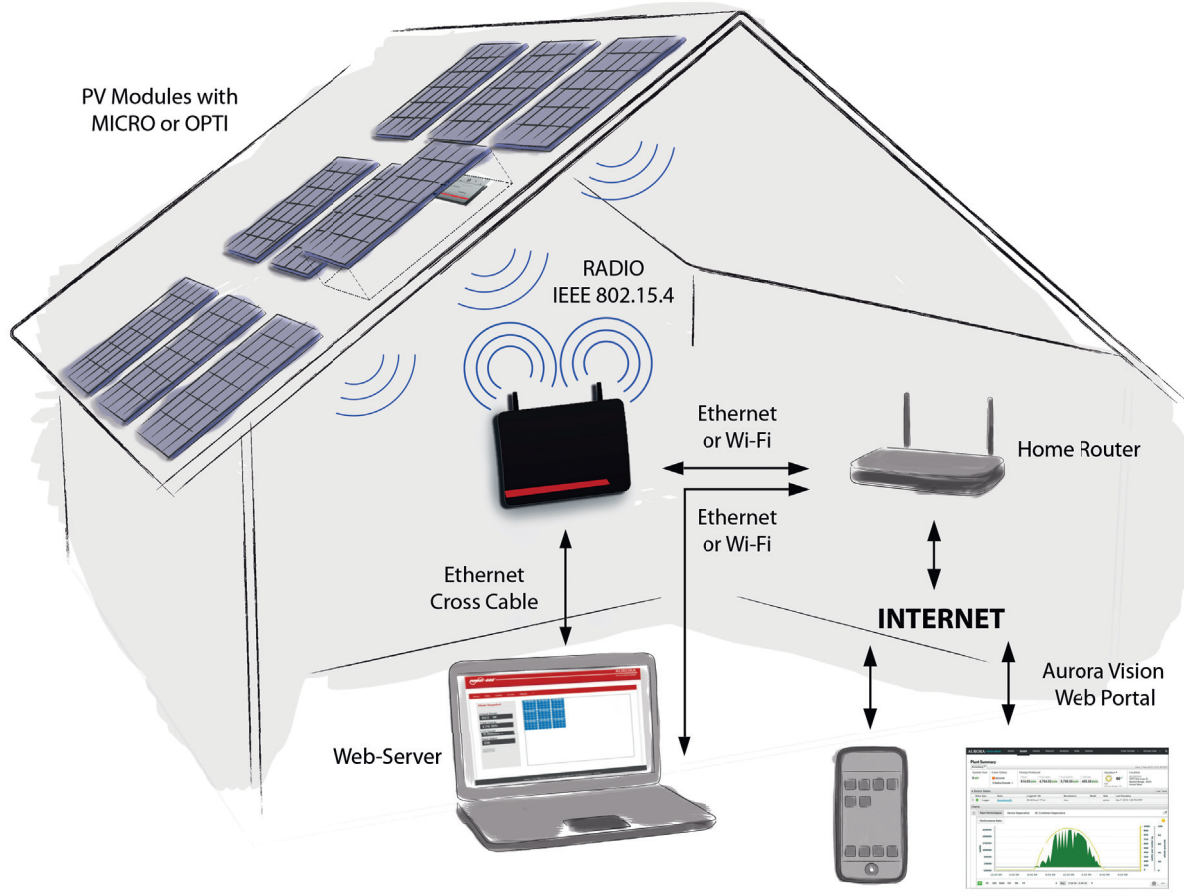
Through the web-based portal, you can view data on the daily and historical photovoltaic production.



## Features

- Easy Setup to Configuration
- Data Sampling every 60 sec up to 4 sec for Real-Time Performance monitoring and Rapid Detection of Operational Failure
- Up to 30 Micro-Inverters directly Monitored by a single CDD
- 24 hours 7 days Web-Based Monitoring
- CDD mesh network topology ensures redundancy in communications and the highest design flexibility

## CDD CONNECTIVITY



## CDD Connectivity

PARAMETER	CDD
<b>Communication To Inverter</b>	
Type	Radio IEEE 802.15.4
Sample Rate	1 min.
Max Distance (free space)	50 m ( can be extended with Power-One repeater)
Max number of devices	30
<b>Communication To Modem/Pc</b>	
Wireless Communication	Wi-Fi IEEE 802.11 / 2.4GHz / 10 Mbps
Wired Communication	Ethernet RJ45 10/100 Mbps
<b>Connectivity</b>	
Wired ports	1x RJ45 Ethernet, 1x RS485, 1x Go-Go Relè
Compatibility	RS485 from AURORA String Inverters
<b>Features</b>	
Operation	AURORA Integrated Web Server
<b>Power Supply</b>	
Type	External plug-in adapter
Adapter Input	100...240 Vac ; 50/60 Hz
Adapter Output	5 Vdc - 1 A
Power Consumption	typ. 2,5W/ max. 5W
Battery	coin battery, 3Vdc, replaceable
<b>Environmental</b>	
IP Degree	IP20 / NEMA 1
Ambient Temperature	-20...+55 °C
Relative Humidity	< 90% non condensing
<b>Physical</b>	
Dimensions (H/W/D)	180x150x25 mm
Weight	0.6 kg
Mounting	Wall mounting (screws not provided)
<b>Interface</b>	
Display	16 Characters x 2 lines OLED
Display Language	IT-EN-ES-DE-FR
Led	Bicolor (red and green)
<b>Safety</b>	
Marking	CE
Safety and EMC Standard	FCC Part 15 Class B / Class C ; IEEE 6245 ; IEEE C37.90.1-2 ; RTTE 1999/5/CE ; IEC 61000-6-2
<b>Accessories</b>	
AURORA repeater	opt.
Plug-in power adapter	Included <sup>(1)</sup>

1. 0-40°C ambient temperature , 0-75%RH, DC plug 4.0x1.3x9.5mm, centre is positive

Remark. Features not specifically listed in the present data sheet are not included in the product



[www.power-one.com](http://www.power-one.com)

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