



Before mounting the system is important to consider the possible scenarios (see below) and evaluate the right position for CDD and MICRO inverters. The distances indicated in the below examples are between CDD and the closest MICRO inverter of the plant



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and

The wireless connection of the CDD is enabled by default and requires a router with IEEE 802.11b communication protocol that will transmit the data to the web P C - Compatibility with IEEE 802.11 communication protocol

If router is not on the compatibility list on the website, a standard access point may be utilized to bridge the CDD to the incompatible router Visible SSID

WPA and WPA-2 security protocols supported.

This type of connection can be used both during configuration of the system to access the CDD internal configuration pages (local web server) and for data transmission to the web portal in order to monitor the system.

9 When the CDD is first started up, a search is performed to find available wireless networks. CDD

The display shows the number of networks detected (XX).

Press ENTER to access the selection menu for the IEEE 802.11 network The first line shows: network number (XX), type of protection (Open, WPAWPA2) and level of the signal (variable from 1 to 4 and indica-[00] ted with the characters "
"). The second line shows the network name (SSID).

the The continuation of the installation differs depending on the type of protection of the selected network (Open, WPA/WPA2).

. Configuration with open networks (Open)

f there is a MAC Address filter active on the router, add the CDD device to the ist of enabled MAC Add

dresses.	7
	P/N: PPPPPPPPP
	SN: YYWWSSSSSS
	MAC WIFI: A1:B1:C1:D1:E1:F1
	MAC RF: A2:B2:C2:D2:E2:F2:G2:
	MAC ETH: A3:B3:C3:D3:E3:F3

Press ENTER to select the wireless network and confirm start-up of the connection

The CDD starts the connection to the Wireless network and within a few seconds the display shows a message indicating the result of the connection attemp

At the end of the procedure the message "WLess Enabled" will appear.

2. Configuration with protected WPA/WPA2 networks If there is a MAC Address filter active on the router, add the CDD device to the list of enabled MAC Addresses

- Before starting the connection attempt, the CDD requires the inputting of the protection key of the Wireless network. In order to input the access key, press the UP or DOWN buttons to scroll through the list of characters and ENTER to select (in the event of an error, press ESC)
- Once the inputting is finished, press ENTER twice to start the con attempt
- The CDD starts the connection to the Wireless network and within a few seconds the display shows a message indicating the result of the connection attempt
- At the end of the procedure the message "WLess Enabled" will appea

Autoconnection configuration

- The CDD automatically memorizes the parameters of the last connection made (SSID and network key). If the automatic reconnection function is enabled, and in the event of any disconnection, the CDD will automatically reconnect to the set Wireless network. - To enable/disable the automatic connection function, access "GENERAL INFORMATION" (see the menu structure in this guide), use the UP and DOWN
- buttons to scroll to the item "Autoconnection" and then press ENTER. Press UP and DOWN to activate or deactivate the function.
- Press ENTER to confirm the selection.



The display (consisting of 2 lines with 16 characters per line) can be used to navigate the s UP, DOWN, ESC and ENTER and e

inverter

The 3 main menus allow access to displays statistics of the plant and of each MICRO

View the operating status of the inverter and the statistical data View service messages for the operator View alarm and fault messages Change the inverter settings

Tot output powe

Jualità impianto

Alarm status

DDZMMZVV

HHZMMZ Networ

Click on any of the buttons

Total Frence

ICRO: 9

During the normal operation of the plant GENERAL INFORMATIONs are cyclically ъ displayed. Str

By pressing any button during the normal operation (when the display shows GE-NERAL INFORMATION) you gain access to the set up basic, and information scre ens related to the CDD.





View information: displays data related to the CDD and the list of errors or warnings - Change settings: Allows changing the settings of the CDD.



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Z .	CDD		
Communication To Inverter			
Туре	Radio IEEE 802.15.4		
Max Distance (free space)	50 m		
Max number of devices	30		
Communication To Router/PC			
Wireless Communication	Communication protocol IEEE 802.11b, 2.4 GHz , 1 - 11 Mbit/s		
Wired Communication	Ethernet RJ45 10/100 Mbps		
Features			
Operation	CDD embedded web user interface		
Monitoring System	Wireless and Web-Based Monitoring through CDD		
Power Supply			
Adapter Input	100240 Vac ; 50/60 Hz		
Adapter Output	5 Vdc - 1 A		
Power Consumption	typical 2,5W/ max. 5W		
Environmental			
IP Degree	IP20 / NEMA 1		
Ambient Temperature	-20+55 °C / -4 131°F		
Relative Humidity	<90% non condensing		
Physical			
Dimension (H x W x D)	150x180x25 mm /5.9x7x1" (not extended antenna)		
Weight	0.6 kg / 1.32 lbs		
Mounting System	Wall mounting (screws provided)		
Accessories			
Antenna extension cable	Optional		
Note. Features not specifically mentioned in this data sheet are not included in the product			
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and the second	EFFECTIVE 2014-03-27		
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	Specifications subject to change without notice.		



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The pailution an average passenger car emits over 1.71 years

