

interSeptor iMeter

Ethernet Power & Environmental Monitoring System



V 1.0

Quick Installation Guide

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Jakarta

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Thank you for purchasing the iMeter

Please use the following instructions to install the iMeter

iMeter Master Hardware Installation



For network configuration

1. Connect a standard CAT5 cross-over network cable between the iMeter Master's network port and the network socket on your PC.
2. Follow the "Configuring iMeter Master on the network" instructions.

Configuring iMeter Master on the Network

1. Set a static IP address for the Local Area Connection of the PC to be 192.168.0.1 with a subnet mask of 255.255.255.0 and a gateway of 192.168.0.1.

 **NOTE: You can run the "IPSet.exe" program provided on the iMeter Master CD-ROM to display the iMeter Master's current IP address.**

2. Open a web browser and browse to <http://192.168.0.100/>.
3. The **Summary** webpage will be displayed.
4. Click on the **Settings** tab.
5. Open the **Connections** menu on the right and select **Ethernet Network**.
6. The IP address details of the iMeter Master can be set here.

 **NOTE: The default IP address of the iMeter Master is 192.168.0.100.**

7. Connect the iMeter Master to the network using a standard CAT5 straight-through cable.
8. Remember to change the IP address of the PC back to the previous setting.

iMeter is now installed on the network

Start your web browser, enter the iMeter Master's IP address in the address text box, and press enter to display the summary page.

The screenshot displays the Jakarta iMeter web interface. The top navigation bar includes 'Summary', 'Map', 'Sensors', 'Notification', 'Settings', and 'Help'. The 'Summary' page is active, showing a 'Sensor Filters' sidebar on the left and a 'Sensor Information' table on the right. The table lists various sensors for the 'iMeter Master' board, including Airflow, Dual Temperature, Humidity, Current, Voltage, Security, Smoke Detector, and Water sensors, with their respective readings and status indicators (Normal, High Critical, High Warning, Low Critical, Low Warning). Below the table is a 'System Log (1000 messages)' section showing a list of events with timestamps and descriptions, such as 'Temperature Sensor is 38.3 °C, status is High Critical' and 'intelliVolt Port 8 is 242.2 Volts, status is Normal'.

Adding extra functionality with the iMeter Slave and iMeter DC16

For extra functionality the iMeter Slave or iMeter DC16 can be added to any iMeter Master using standard CAT5 straight-through cable connecting to any of the 4 Expansion Ports on the front of the iMeter Master.

The added sensor ports will automatically be added to the Summary page of the iMeter Master.

The iMeter Slave adds 8x RJ45 sensor ports.

The iMeter DC16 adds 16x Volt-free Dry Contact ports.

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