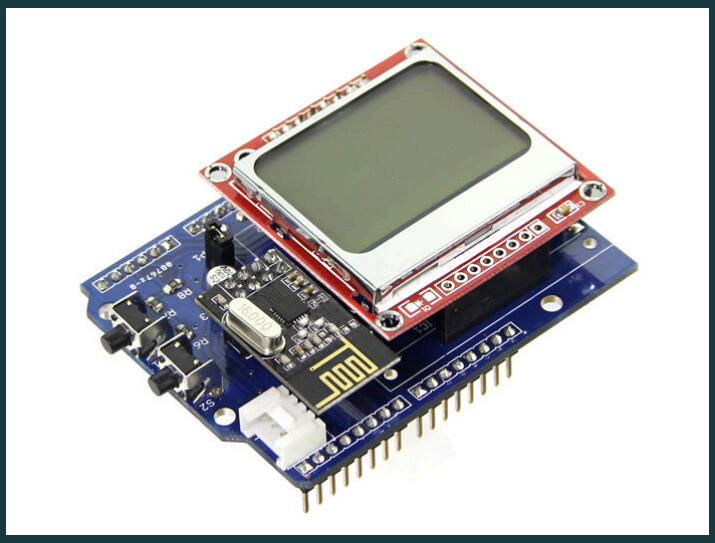
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INDUSTRIAL PRODUCT DATASHEET

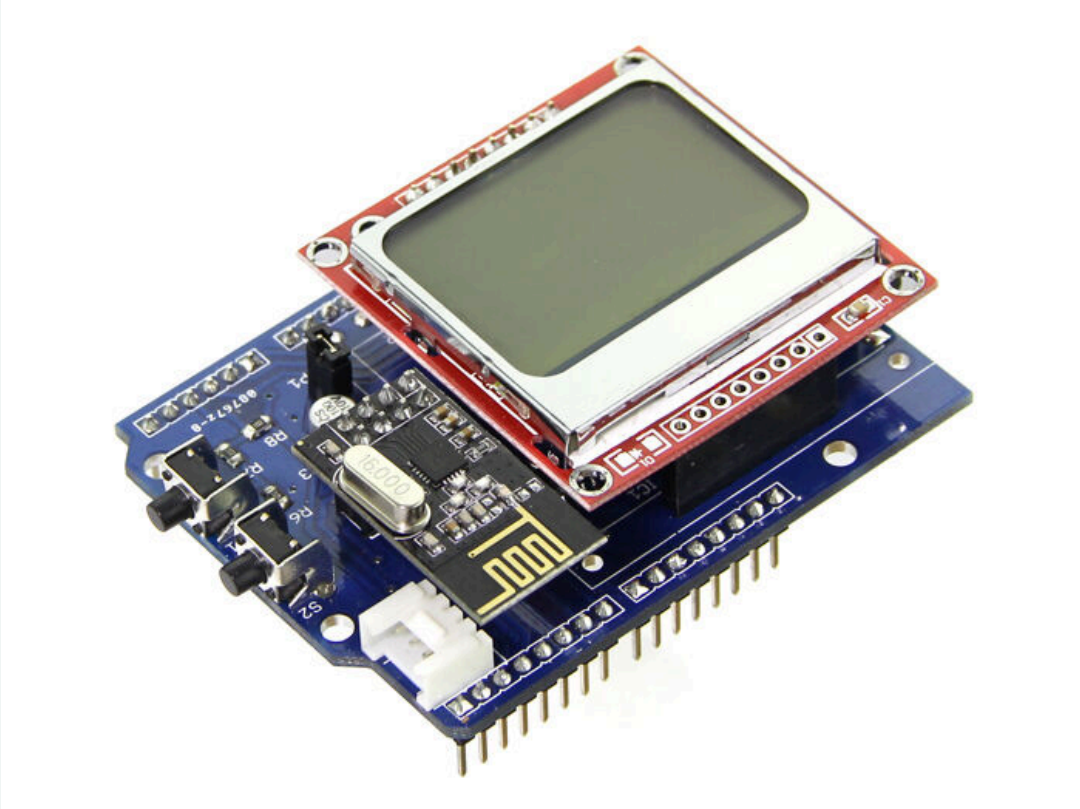
Energy Monitor Shield -- Monitoring System with Nokia LCD Screen

Arduino-compatible energy monitoring shield with Nokia 5110 LCD, nRF24L01+ wireless, and support for up to three AC sensors.

SKU	UPDATED	PRICE
106030001	2024-08-09 02:07:48	$22.99(Excl. VAT)



Overview



The Energy Monitor Shield is an Arduino-compatible expansion card designed for building an energy monitoring system with a Nokia 5110 LCD screen and an interface for the nRF24L01+ wireless transceiver. It supports up to three AC current sensors (30-100A), includes two control buttons, a jumper to turn off the LCD backlight, a GROVE-compatible I2C connector, and is fully compatible with Ethernet Shield.

Key Features

Energy Monitor Shield is an Arduino-compatible expansion card designed for building energy monitoring system with LCD screen and an interface for connecting the wireless transceiver nRF24L01 +.

Features

- Connect up to three **sensors AC (30-100A)**.
- Support for LCD Screen Nokia LCD5110
- Turn off the LCD backlight with a jumper
- Two buttons to control (operate one analog pin)
- Interface to connect the transceiver to 2.4G **nRF24L01 +**
- GROVE-compatible connector: I2C
- Fully compatible with **Ethernet Shield**

Application

Packing List

- EM Shield P3 X 1
- Display Nokia 5110 X 1
- Wireless module nRF24L01 + X 1

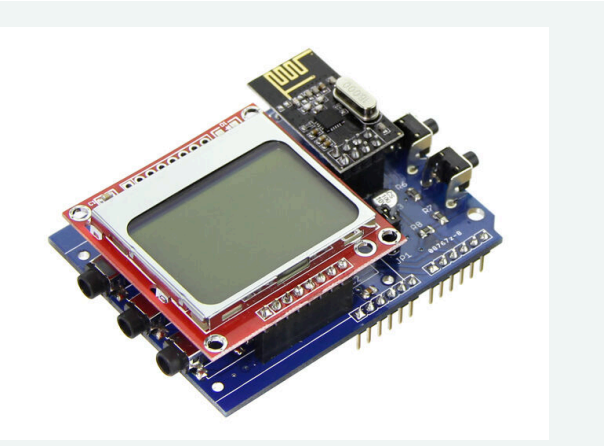
Documentation

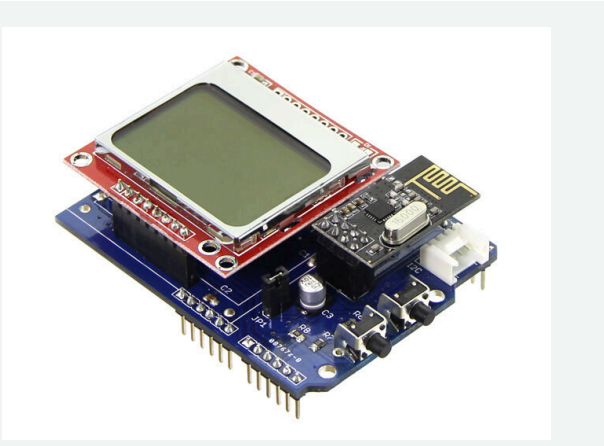
Please visit the **wiki** page for more information about this product. We will be very grateful to you for helping us improve our documentation. Add more description or demo code. For technical support, please publish your question on our **blog**.

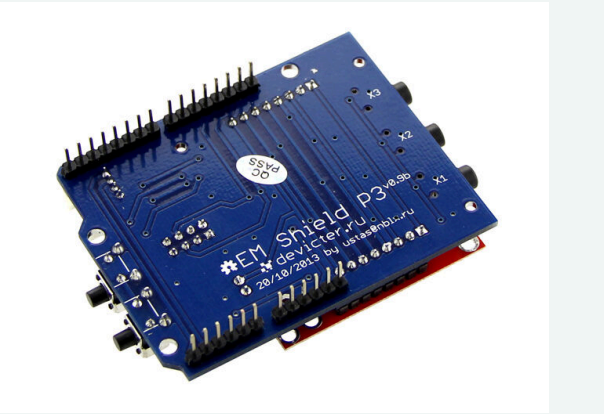
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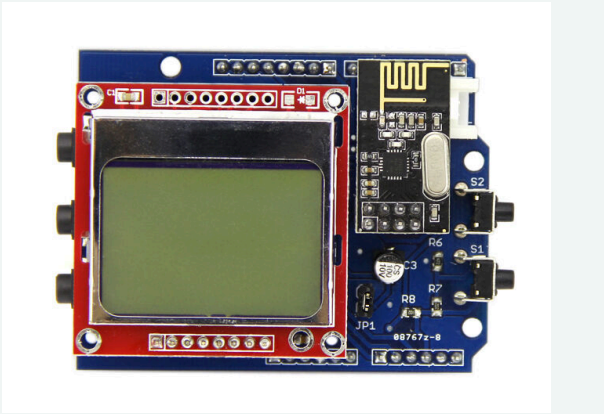
If you have any further question for technical support, please contact **support@devicter.ru**.

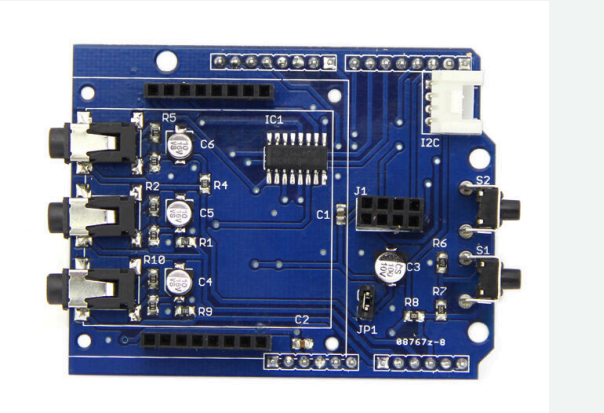
Product Gallery











Resource Links

- https://www.seeedstudio.com/Energy-Monitor-Shield-Monitoring-System-with-Nokia-LCD-Screen-p-1775.html
- Wiki

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