PRODUCT NAME : Robomart UNO R3 +128 64 LCD+Sensor Shield V5 Kit for Arduino

PRICE : Rs 2,899.00
SKU : RM2438

DESCRIPTION

Robomart UNO R3:

This is the new Arduino Uno R3. In addition to all the features of the previous board, the Uno now uses an ATMega16U2 instead of the ATMega8U2 chip. This allows for faster transfer rates and more memory. No drivers needed for Linux or Mac (inf file for Windows is needed and included in the Arduino IDE), and the ability to have the Uno show up as a keyboard, mouse, joystick, etc.

More 3.3V modules supported, such as Xbee module, Bluetooth module, RF module, GPRS module, GPS module, LCD5110 Backlight and so on, but the original version can only support 5V IO.

Add A6/A7 port.

Robomart R3 can directly use the electronic building blocks on I / O port and elicit G, V, S.

The Uno R3 also adds SDA and SCL pins next to the AREF. In addition, there are two new pins placed near the RESET pin. One is the IOREF that allow the shields to adapt to the voltage provided from the board. The other is a not connected and is reserved for future purposes. The Uno R3 works with all existing shields but can adapt to new shields which use these additional pins.

Arduino is an open-source physical computing platform based on a simple i/o board and a development environment that implements the Processing/Wiring language. Arduino can be used to develop stand-alone interactive objects or can be connected to software on your computer (e.g. Flash, Processing, MaxMSP). The open-source IDE can be downloaded for free (currently for Mac OS X, Windows, and Linux).

Features:

- ATmega328-AU microcontroller
- Input voltage - 7-12V

- 5V Electric current : 500MA
- 3.3V Electric current : 50MA
- 14 Digital I/O Pins (6 PWM outputs)
- 8 Analog Inputs
- 32k Flash Memory
- 16Mhz Clock Speed

Robomart 12864 LCD:

This is a 128x64 liquid crystal display that support Chinese character , English characters and even graphics, very suitable for interactive work with Arduino.
Voltage: 5V
With Chinese font
Blue backlit
Controller: ST7920
Size: 93x70mm

Robomart Sensor Shield V5:

Ready to plug & play.
It can connect to various modules like sensors, servos, relays, buttons, potentiometers
Each functional module has buckled port with VCC, GND and Output, which has corresponding port on the Sensor Shield, connected with a plain 2.54mm dual-female cable you may start playing already. Buckled brick cables are like cement for bricks, make the connections easier, secure and more professional looking.

Package List:

1x Robomart UNO R3
1x Robomart Sensor Shield V5
1x Robomart Mega2560
1x USB Cable