



PRODUCT NAME : Arduino UNO R3+ Sens
or V5 + 2004 LCD Display

PRICE : Rs 2,499.00

SKU : RM2408



DESCRIPTION

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Robomart Arduino Uno

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.

3.3VV/5V Supply Voltage and IO Voltage is optional.

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

Arduino Sensor Shield allows you to connect to various modules like sensors, servos, relays, buttons, potentiometers and so on. Just plug & play. 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.

Robomart LCD Module for Arduino 20 x 4 *Black on White

LCD module based on the popular HD44780 controller

- Works great with Arduino and other micro-controllers
- Includes tutorial for interfacing LCD with Arduino boards
- 4 rows, 20 characters per row
- 20 x 4 LCD, 5 volt
- Black characters on white background, with back light

Package Including:

1pc x Robomart UNO

1pc x Robomart Sensor Shield Digital Analog Module V5

*1pc x Robomart LCD Module for Arduino 20 x 4 *Black on White*