Grove Indoor Environment Kit for Intel® Edison
SKU 110060064

Create indoor applications easily Rich grove modules and cables Cool demo codes No coding experience required

Create Cool Indoor Environment Applications without Programming Experience!

A functional kit to help you explore and interact with your indoor environment. A bundle of various sensors expands your imagination in rapid prototyping based on an Intel Edison development board.

WHAT IS IT?

Grove Indoor Environment Kit for Intel® Edison makes it easy to create complete indoor environment applications with Intel Edison and Arduino Breakout Board. With the Base shield V2, developers can plug up to 11 different Grove sensors and actuators quickly.

We provide cool demo codes which are constantly updated, so as to make it simple to operate even without any programming experience.

WHAT'S INSIDE?
- Base Shield V2 x 1
- Grove - LCD RGB Backlight x 1
- Grove – Temperature & Humidity Sensor x 1
- Grove - Relay x 1
- Grove - Moisture Sensor x 1
- Grove - Servo x 1
- Grove - Light Sensor x 1
- Grove - Buzzer x 1
- Grove - UV Sensor x 1
- 9V to Barrel Jack Adapter x 1
- Grove - PIR Motion Sensor x 1
- 26AWG Grove Cables x 2
- Grove - Encoder x 1
- USB Cable x 1
- Grove - Button x 1
- User Guide x 1

PROJECTS

Project 1: Light Control Switch
How does it work?
When the illumination＜300, the servo will drive the switch. Just connect to PC, open the Serial Monitor and type the command "set light＜300, servo=90", then click "Send" button.
Part list:
Grove - Light Sensor, Grove – Servo, 26AWG Grove Cables

Project 2: Infrared Lamp
How does it work?
Connect to PC, open the Serial Monitor and type the command "set pir=1, relay=1", then click "Send" button. Then turn on the power, the PIR Motion Sensor will lighten the lamp when it feels body motions or people passing by.
Part list:
Grove - PIR Motion Sensor, Grove – Relay, 26AWG Grove Cable

Project 3: UV Alarm
How does it work?
The buzzer will alarm when UV goes beyond 55. Connect to your PC, open the Serial Monitor and type the command "set uv>55, buzzer=1", then click "Send" button.

Technical details

Dimensions	200mm x132mm x73mm
Weight	G.W 578g
Battery	Exclude

Part List

/	1

ECCN/HTS

ECCN	EAR99
HSCODE	9023009000
USHSCODE	9023000000
UPC	841454100379
ROHS	1

https://www.seeedstudio.com/Grove-Indoor-Environment-Kit-for-Intel-Edison-p-2427.html/6-18-19