seeed studio

INDUSTRIAL PRODUCT DATASHEET

MU - A Smart Vision Sensor

MU adds autonomous vision to IR toys with features like face recognition, person following, and line tracking.

SKU	UPDATED	PRICE
110991033	2024-08-09 01:52:04	$37.00(Excl. VAT)



Overview



MU is a smart vision sensor that enhances IR toys such as LEGO Power Functions and HexBug robots with autonomous capabilities. It integrates a camera, processor, speaker, IR transmitter, and rechargeable battery to enable face recognition, person following, line tracking, and ball tracking.

Key Features

MU is a gadget that can be used with IR toys including LEGO Power Functions and some HexBug robots to turn them into autonomous robots. You can use MU to get a HEXBUG spider to follow a line or a LEGO Power Functions and vehicle to follow a person. For children who already own LEGO Power Functions, HexBug Robots or Edison Robot, Mu can be a smart eye for all of them. For maker, they can work directly with the Mu via a cable, then get sensor data from Mu and handle it using additional hardware like Arduino. By realize these functions, the small round device integrates a rechargeable battery, a camera, a processorthat's programmed to interpret what the camera sees, a speaker for sound and voice output and an IR transmitter that is used to send IR remote commands to existing toys.

Note:

For now MU can only support 3 kinds of IR toys from Morpx's official anouncement, however you may find some other IR toys can also work with MU, for more information about toys that support MU, welcome to visit the **Forum of MU**.

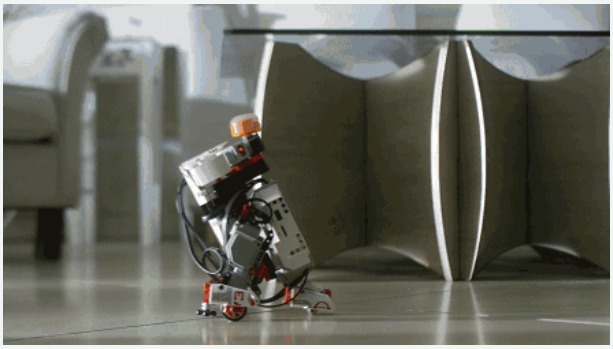
Features

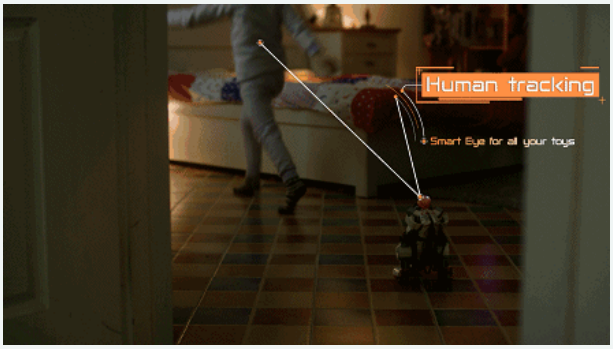
- Recognize Faces
- - Find the owner, and say hello.
- Follow People
- -When a person is close by, MU can follow the person.
- Track Lines
- -MU can follow the line that the kids draw.
- Track Balls
- -MU can find the ball, fetch it and take it to a person nearby.

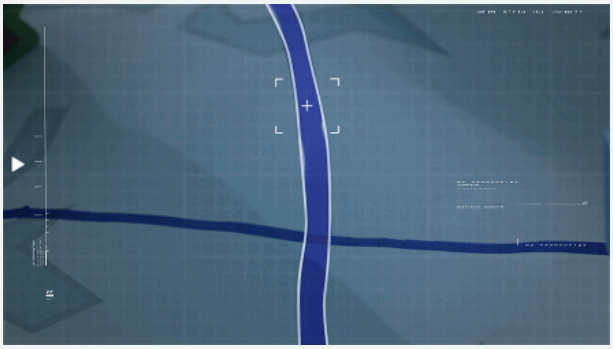
Product Gallery

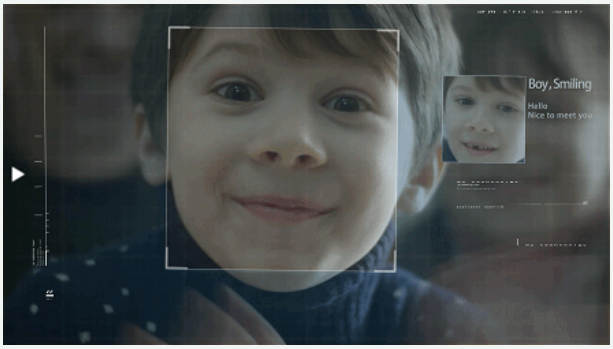












Part List

MU robotic head	1
Data cable	1
OTG Plug with Android device	1
Universal mount	1
User manual	1
Double-sided foam stickers	2

Resource Links

- https://www.seeedstudio.com/MU-A-Smart-Vision-Sensor-p-2961.html
- User Manuel
- Official Website for MU

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