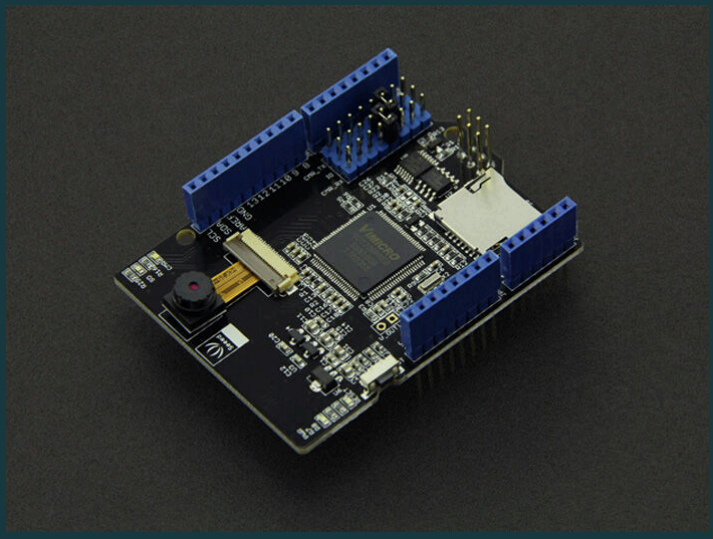
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INDUSTRIAL PRODUCT DATASHEET

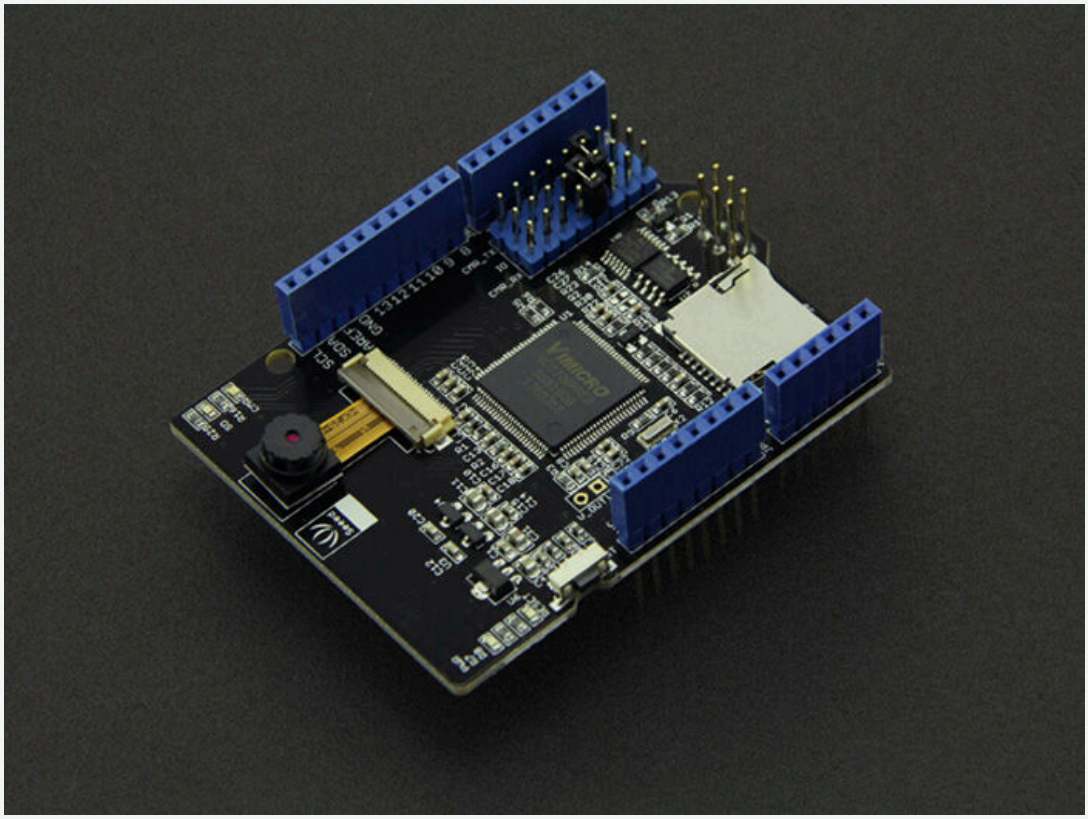
Camera Shield

Camera Shield for Arduino with VC0706 and OV7725, capturing 640x480 JPEG images and storing to microSD over UART/SPI.

SKU	UPDATED	PRICE
103990057	2025-09-02 05:58:10	$14.90(Excl. VAT)



Overview



The Camera Shield is an Arduino-compatible camera board based on the VC0706 image processor and OV7725 VGA sensor, capturing 640x480 JPEG still images. It features UART/SPI control via a dedicated Arduino library and includes an integrated microSD card interface, powered by 5 V at 100 mA.

Key Features

Camera Shield is the first shield board that support photograph, it is based on the solution of VC0706 + OV7725, the former is a high performance camera processor with enhanced image processing functions and it embedded the hard-wired JPEG codec, and the latter is a high-performance 1/4 inch, single-chip VGA camera and image processor in a small footprint package. We have written our library to control the Camera Shield via UART/SPI, which makes it possible to take picture easily by your Arduino board. Come on and use it to take a photo!

Features

- Fully Compatible with Arduino or Seeeduino
- High Speed Serial Bus Control: UART/SPI
- Integrated MicroSD card Interface

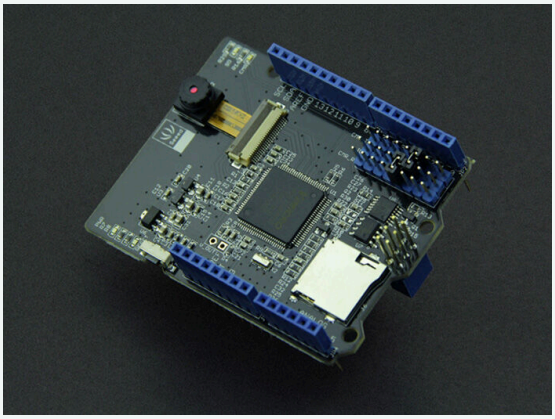
Specification

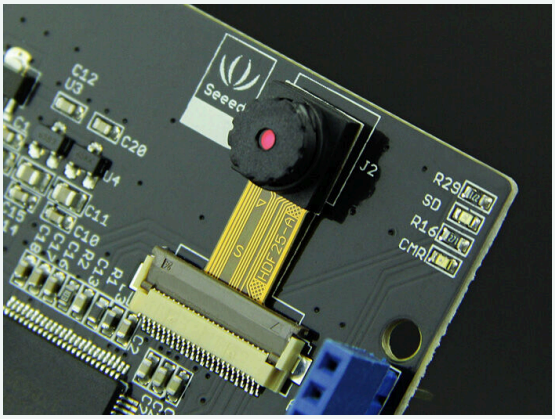
- Still Picture Resolution: (640x480) JPEG Output
- Power Supply: 5 V 100mA

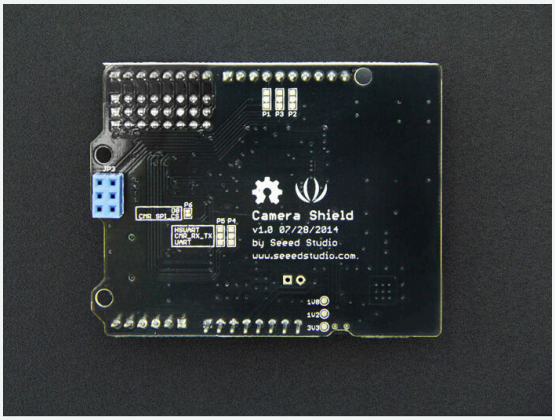
Product Gallery











Part List

Camera Shield	1

Compliance & Logistics



HSCODE	8525801390
USHSCODE	8525895050
UPC	841454111115
EUHSCODE	8517600000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Camera-Shield.html
- Camera Shield Library on gitHub
- Schematic of Camera Shield

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