

Datasheet Pixy2

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Source: <https://docs.pixycam.com/wiki/doku.php?id=wiki:v2:overview>

Color Connected Components

- Color-based filtering algorithm
- Tracking of up to 7 different objects with unique colors

Framerate: 60 Hz
Resolution: 315 x 207 px

Technical Specifications

Processor: NXP LPC4330, 204 MHz, dual core
Image Sensor: Aptina MT9M114, res. 1296 x 976
Lens field-of-view: 60 deg horizontal, 40 deg vertical
Power consumption: 140 mA typical
Power input: USB input (5V) or unregulated input (6V to 10V)
RAM: 264 KB
Flash: 2 MB
Data outputs: UART serial, SPI, I2C, USB, digital, analog
Dimensions: 3.81 x 4.19 x 1.52 mm
Weight: 10 grams
Light source: LED, approx. 20 lumen

