

USB 16MP Camera Module

Compact USB Camera for Machine Vision Applications



Overview

A compact USB camera module suitable for OCR, barcode reading, PCB inspection, machine vision, robotics and embedded imaging. Designed for easy integration using a standard UVC USB interface.

Specification	Value
Sensor	16 MP CMOS
Maximum Resolution	4656 × 3496
Interface	USB 2.0 (UVC)
Lens	Wide Angle M12 Lens
Field of View	105°
Image Formats	MJPEG / YUY2
Operating Voltage	5 VDC
Operating Systems	Windows, Linux, macOS, Android

Key Features

- 16 MP imaging
- Plug-and-play UVC interface
- Wide-angle optics
- Compact enclosure
- Suitable for industrial and embedded applications

Specifications are based on the camera module configuration.