



This is a family of products based on the most advance CMOS mixed signal technology. It integrates image array, signal processing, timing and control circuitry, all on a single chip. Applying a simple circuit and enclosed in a stylish design casing, it becomes a complete camera. It is suitable for low cost application.

Features:

- Small size : $\phi 12 \times 40$ mm
- Metal Casing
- Resolution: 101Kpixels
- Operation voltage : 9V or 12V
- Lens: f4.9mm F2.8
- Low power consumption (<200mW)
- Coaxial cable with 3 pin socket
- Direct connect to standard video monitor
- High IR sensitivity for night time application
- Auto exposure control
- Gamma correction - 0.45/1.0
- Auto gain control - 18dB
- Automatic black level calibration
- Anti-Blooming

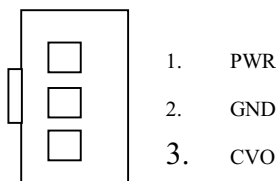


Specification

Imager	1/4" CMOS imager sensor OV5116
Scanning	2:1 Interlace
Shutter	1/50 to 1/6,000 sec
Video Output	1V p-p Composite video (75 Ω)
Picture Element	352x288 pixel
Effective image area	3.2mm x 2.5mm
S/N Ratio	>46dB (AGC on)
Resolution	260 TV lines
Min Illumination	0.5 Lux at f1.4
Operation Voltage	9 - 12 VDC
Operation Current	18mA max
Connectors	PWR, Video, GND
Lens	f4.9mm F2.8 FOV 36° x 27°
Dimension	$\phi 12 \times 40$ mm

Pin Description

1. PWR Power Supply 9-12V DC
2. GND Common Ground for power and video
3. CVO Composite Video Output
Direct connect to TV/Monitor



3-pins socket, pitch 2mm

