



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 : $\phi 24 \times 44$ mm
- Metal Casing
- Full resolution: 365Kpixels
- High sensitivity
- Operation voltage : 9-12V
- Lens: f3.7mm F2
- Low power consumption (<200mW)
- 3 pin socket for feasible wiring
- Direct connect to standard video monitor
- Auto exposure control
- Gamma correction - 0.45/1.0
- Auto gain control - 18dB
- Automatic black level calibration
- Anti-Blooming

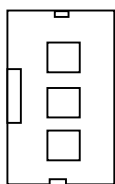


Specification

Imager	CMOS imager sensor OV7410
Scanning	2:1 Interlace
Shutter	1/60 to 1/15,000 sec
Video Output	Composite video (75 Ω)
Picture Element	628 x 582 pixel
Effective image area	5.78 x 4.19mm
S/N Ratio	>48dB (AGC on)
Resolution	400 TV lines
Fixed pattern noise	<0.03% Vp-p
Dark Current	<0.2nA/cm ²
Dynamic range	>72dB
Min Illumination	0.5 Lux at f1.2
Operation Voltage	9-12 VDC
Connectors	PWR, Video, GND
Lens	F3.7mm F2.0, FOV 70° x 63°
Dimension	$\phi 24 \times 44$ mm

Pin Description

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



1. CVO
2. GND
3. PWR

3-pins socket, pitch 2mm

