



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.

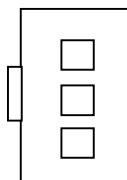
Features:

- Small size : $\phi 23 \times 72$ mm
- Metal Case
- Full resolution: 365Kpixels
- Operation voltage : 9-12V
- Lens: f6.0mm F1.6
- Built in IR filter
- Low power consumption (<400mW)
- Coaxial cable with 3 pin socket
- Direct connect to standard video monitor
- Auto exposure control
- Gamma correction - 0.45/1.0
- Auto gain control - 18dB
- Automatic white balance
- Automatic black level calibration



Pin Description

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

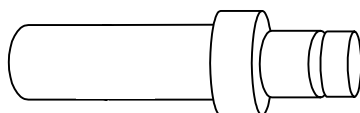


1. PWR
2. GND
3. CVO

3-pins socket, pitch 2mm

Specification

Imager	CMOS imager sensor OV7910
Scanning	2:1 Interlace
Shutter	1/60 to 1/15,000 sec
Video Output	Composite video (75 Ω)
Picture Element	628x582 pixel
Effective image area	5.78x4.19mm
S/N Ratio	>48dB (AGC on)
Resolution	340 TV lines
Fixed pattern noise	<0.03% Vp-p
Dark Current	<0.2nA/cm ²
Dynamic range	>72Db
Min Illumination	3 Lux at f1.2 (3000K)
Operation Voltage	9-12 VDC
Connectors	PWR, Video, GND
Lens	f6.0mm F1.6, FOV 51° x 43°
Dimension	$\phi 23 \times 72$ mm



3-Dimension

