

**C302**  
***Camera Module***  
***Data Sheet***

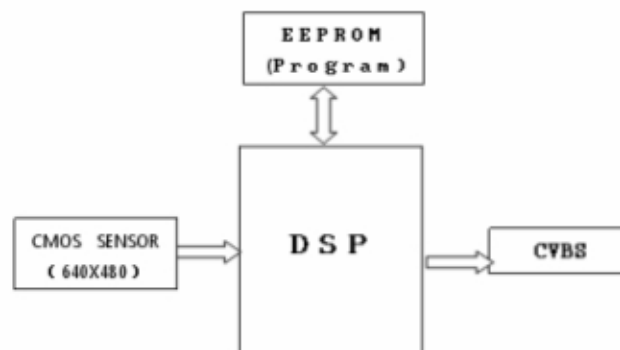
## ◆ Application

The C302 is a miniature high-definition analog video camera module, The video signal can be transmit by wired or wireless (using 2.4G/5.8G module) to display terminal. The module can be made into the tubular front-end portable detection. Widely be used in the engine cabin internal detection, pipeline detection.

## ◆ Feature

- ◆ Small size, Portable.
- ◆ High frame rate color camera, high definition.
- ◆ Pinhole camera can easily enter the cavity or micro-channels.
- ◆ Standard CVBS signal output can be directly displayed on the monitor.
- ◆ Interface: Power Supply 5V, Ground, Video.

## ◆ Block Diagram



## ◆ Specification

Item	Specification	Remark
Model	<b>C302</b>	
Pixel Size	PAL:628 x 582 NTSC:510 x 492	Default for NTSC. Remove the R1 (10 K) resistor that is to PAL pattern
Image Sensor	1/4" CMOS Sensor	
Video Signal	CVBS 60fps	
Resolution	380 TV lines	
Operating Voltage	DC4.8V~DC5.5V	
Working Current	90 mA	
Lens	FOV:62.6°	
Dimension	50.6mm±0.1mm (LxW)	circular plate: Φ12mm
Operating Temp.	-20°C ~ +60°C	
Storage Temp.	-45°C ~ +75°C	