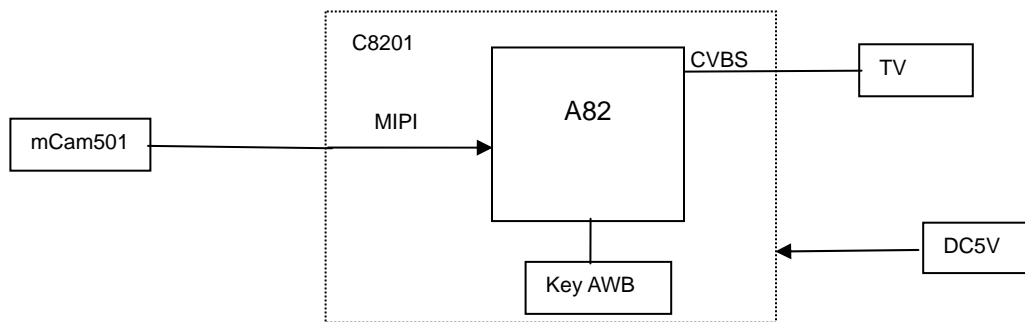## Introduction

This module has been designed to interface VGA MIPI camera mCam501 and provide CVBS output to TV.

## Key Features

- ✓ Small size 22x55mm
- ✓ Interface to VGA MIPI camera mCam501
- ✓ Real time Video output, Support PAL/NTSC, CVBS
- ✓ 5VDC operation
- ✓ Plug and play, no setup required
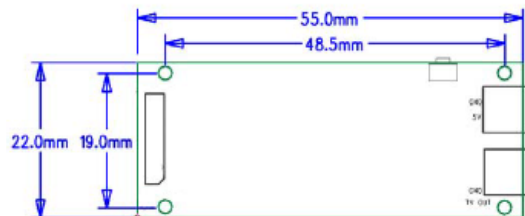- ✓ Simple operation for AWB

## Block Diagram



## Module Specification

| Board Size | 25x70mm |
|---|---|
| Display connector | 2pins, 2mm pitch |
| Video out | NTSC/PAL |
| Camera connection | 10pin 1.5mm pitch |
| Operation Voltage | 3.7-5V |
| Operation Current | 150mA typical |

## Mechanical Dimension



## Operation

1. Plug in camera before power up system.
2. Connect AV out to TV set,
3. Apply power, it outputs CVBS to TV monitor.
4. AWB: place camera tip to a white paper and press AWB button for a while. It will do white balance calibration base on the light source