

## Performance Parameter

|                             |                                                                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Model No                    | SCM-5MP-0V5693-S571                                                                                                             |
| Sensor                      | 1/4' ' 0V5693 sensor                                                                                                            |
| Pixel                       | 5 Mega Pixel                                                                                                                    |
| Most effective pixels       | 2592 (H) x 1944 (V)                                                                                                             |
| Pixel Size                  | 1.4μm x 1.4μm                                                                                                                   |
| Image Area                  | 3673.6μm x 2738.4μm                                                                                                             |
| Max S/N ratio               | 37.1dB                                                                                                                          |
| Dynamic range               | 60.8dB                                                                                                                          |
| Sensitivity                 | 1000mV/Lux-sec                                                                                                                  |
| Lens chief ray angle        | 29.7° non-linear                                                                                                                |
| Focus type                  | Auto Focus                                                                                                                      |
| Compression format          | MJPEG/YUY2                                                                                                                      |
| Resolution & Frame rate     | See above                                                                                                                       |
| Shutter Type                | Electronic rolling shutter                                                                                                      |
| Chroma                      | Color, RGB                                                                                                                      |
| Interface type              | USB2.0 OTG & Android                                                                                                            |
| Protocol & Connection       | Plug-&Play (UVC compliant)                                                                                                      |
| Adjustable Parameters       | Brightness/Contrast/Color saturation/Hue/Definition/Gamma/White balance/Exposure                                                |
| Lens FOV                    | 60°                                                                                                                             |
| Night vision                | Supported with LED ring                                                                                                         |
| Power supply                | USB BUS POWER                                                                                                                   |
| Operating Voltage           | DC 5V                                                                                                                           |
| Operating Current           | 260mA                                                                                                                           |
| Main chip                   | DSP/SENSOR/FLASH                                                                                                                |
| Auto Exposure Control (AEC) | Supported                                                                                                                       |
| Auto White Balance (AEB)    | Supported                                                                                                                       |
| Auto Gain Control (AGC)     | Not supported                                                                                                                   |
| Dimension                   | 28.6mm X12.5mmX12.5mm                                                                                                           |
| Storage temperature         | 0° C to 50° C                                                                                                                   |
| Operating temperature       | -30° C to +70° C                                                                                                                |
| USB cable length            | Default                                                                                                                         |
| Support OS                  | WinXP/Vista/Win7/Win8/Win10<br>Linux with UVC (above linux-2.6.26)<br>MAC-OS X 10.4.8 or later<br>Android 4.0 or above with UVC |