



## SPECIFICATION

|                       |   |
|-----------------------|---|
| Image Sensor          | 1/2.7" CMOS AR0230HDR   |
| Pixel Size            | 3um(H) x 3um(V)   |
| Resolution            | 2.0 Megapixel 1920H x 1080V   |
| Output Format         | MJPEG, YUV2   |
| FOV                   | 90 degree, more view angle for option by requirement  |
| Lens                  | EFL: 3.6mm F/NO: 2.0mm  |
| Focus type            | Fixed focus   |
| Shutter type          | Electronic Rolling shutter  |
| Audio Input           | No  |
| Max Dynamic range     | Up to 105dB   |
| Output & Power Supply | USB2.0  |
| Power Socket          | 4P 1.5mm socket   |
| Supported OS          | Win XP/Vista/Win7/Win8/Win10<br>MAC OS X EI Capitan 10.11.4, Linux /Android, Wince with UVC |

|                       |  |
|-----------------------|--|
| Controllable Features | Brightness, Contrast, Saturation, Hue, Sharpness, Gamma, White balance, Backlight Contrast, Exposure |
|-----------------------|--|

Cable length                      Default 1m USB cable

|             |                   |
|-------------|-------------------|
| Module Size | 32*32 or 38*38 mm |
|-------------|-------------------|

### WORKING CONDITION

Power Consumption              USB DC +5V Supply

|                       |             |
|-----------------------|-------------|
| Operating Temperature | -20° ~ +70° |
|-----------------------|-------------|

Storage Temperature            -40° ~ +85°

|          |         |
|----------|---------|
| Humidity | 80 ~85% |
|----------|---------|

| FORMAT | RESOLUTION        | FRAME RATE |        |
|--------|-------------------|------------|--------|
|        |                   | USB3.0     | USB2.0 |
| MJPEG  | 1920x1080 (1080P) |            | 30fps  |
|        | 1280X720 (720P)   |            | 30fps  |
|        | 800x600 (WVGA)    |            | 30fps  |
|        | 640X480 (VGA)     |            | 30fps  |
| YUY2   | 1920x1080 (1080P) |            | 5fps   |
|        | 1280X720 (720P)   |            | 10fps  |
|        | 800x600 (WVGA)    |            | 20fps  |
|        | 640X480 (VGA)     |            | 30fps  |

