

ST10-415FF-001

Supertek 4K USB2.0 Camera Module



SPECIFICATION

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|-----------------------|----------------------------|
| Image Sensor | 1/2.8" CMOS IMX415 |
| Pixel Size | 1.45um(H) x 1.45um(V) |
| Resolution | 4K 3840H x 2160V |
| Output Format | MJPEG, YUV2 |
| FOV | 120 degree |
| Lens | EFL: 2.35mm F/NO: 2.4 |
| Focus type | Fixed Focus |
| Shutter type | Electronic Rolling shutter |
| Protocol & Connection | Plug & Play, UVC compliant |
| Output & Power Supply | USB 2.0 |
| Power Socket | 5P 1.25mm SMT |

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|-----------------------|--|
| Supported OS | Windows, Android, Linux, Wince, Mac OS |
| Controllable Features | Brightness, Contrast, Saturation, Hue, Sharpness, Gamma, White balance, Backlight Contrast, Exposure |
| Cable length | Default 1m USB cable |
| Module Size | 95 * 15mm |

WORKING CONDITION

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|-----------------------|-------------------|
| Power Consumption | USB DC +5V Supply |
| Operating Temperature | -20°~ +80° |
| Storage Temperature | -40°~ +85° |
| Humidity | 80 ~85% |

| FORMAT | RESOLUTION | FRAME RATE | |
|--------------|--------------------|------------|--------|
| | | USB2.0 | USB3.0 |
| MJPEG | 3840 x 2160 | 30fps | |
| | 2952 x 1944 | 30fps | |
| | 2560 x 1440 | 30fps | |
| | 2048 x 1536 | 30fps | |
| | 1920 x 1080 | 30fps | |
| | 1280 x 720 | 30fps | |
| | 640 x 480 | 30fps | |
| YUY2 | 3840 x 2160 | 2fps | |
| | 2952*1944 | 2fps | |
| | 2048 x 1536 | 2fps | |
| | 2560 x 1440 | 3fps | |
| | 1920 x 1080 (1080) | 5fps | |
| | 1280 x 720 (720P) | 10fps | |
| | 640 x 480 (VGA) | 30fps | |

PRODUCT DIMENSION

