

IS22NIR-USB2.0

2MP USB2.0 Camera Module



SPECIFICATION

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|-----------------------|---|
| Image Sensor | 1/2.7" CMOS JX-F22 |
| 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 |
| Key Function | IR CUT to switch day/night vision perfectly |
| Protocol & Connection | Plug & Play, UVC compliant |
| Output & Power Supply | USB2.0 |
| Power Socket | 5P 1.0mm socket |
| Supported OS | Win XP/Vista/Win7/Win8/Win10 MAC OS X El Capitan 10.11.4, Linux /Android, Wince with UVC |

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|-----------------------|--|
| Controllable Features | Brightness, Contrast, Saturation, Hue, Sharpness, Gamma, White balance, Backlight Contrast, Exposure |
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| Cable length | Default 1m USB cable |
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| Module Size | 38*38 mm |
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WORKING CONDITION

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|-------------------|-------------------|
| Power Consumption | USB DC +5V Supply |
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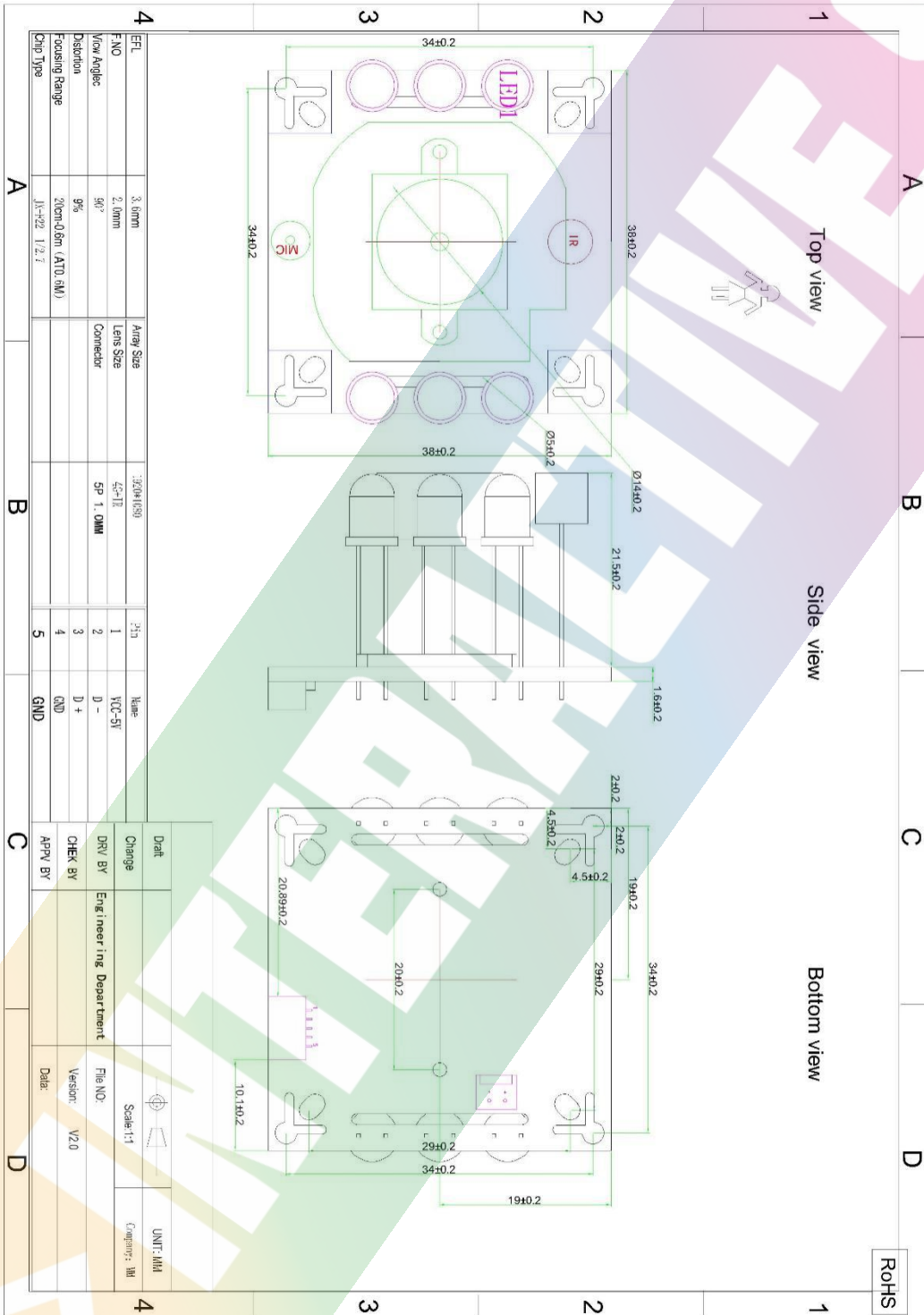
| | |
|-----------------------|-------------|
| Operating Temperature | -20° ~ +70° |
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|---------------------|-------------|
| Storage Temperature | -40° ~ +85° |
|---------------------|-------------|

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|----------|---------|
| Humidity | 80 ~85% |
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| FORMAT | RESOLUTION | FRAME RATE | |
|--------|-----------------|------------|--------|
| | | USB3.0 | USB2.0 |
| MJPEG | 1920X1080 | | 25fps |
| | 1280X720 (720P) | | 25fps |
| | 800x600 (WVGA) | | 25fps |
| | 640X480 (VGA) | | 25fps |
| YUY2 | 1920X1080 | | 5fps |
| | 1280X720 (720P) | | 5fps |
| | 800x600 (WVGA) | | 5fps |
| | 640X480 (VGA) | | 25fps |

PRODUCT DIMENSION



| | | | | | | | | |
|----------------|-------------------|------------|----------|-----|------|--------|-------------|----------|
| 4 | 3.0mm | Array Size | 320x128 | 313 | Name | YCC-5T | Scale: 1:1 | UNIT: MM |
| F.ND | 2.0mm | Lens Size | 4x12 | 1 | D - | D - | Company: BH | |
| View Angle | 96° | Connector | SP 1.0MM | 2 | D + | D + | | |
| Distortion | 9% | | | 3 | DND | DND | | |
| Focusing Range | 20cm-6m (ATD, NM) | | | 4 | GND | GND | | |
| Chip Type | UV122 1.2.7 | | | 5 | | | | |

A B C D 1 2 3 4

RoHS

UNIT: MM
Company: BH