

5MP USB2.0 Camera Module Specifications



1. Main Parameters

| | |
|-------------------------|--|
| Product Name | 5MP USB2.0 Camera Module |
| Product Code | WN-N5035NK5MP-II |
| Module Size | Diameter: 11mm, PCB: 32.3*11mm |
| Image Sensor | 1/5.0-inch GC5035 CMOS Sensor |
| Max. Resolution | 2592 H x 1944 V |
| Pixel Size | 1.12*1.12μm |
| Output Format | MJPEG, YUY2 |
| Field of View | 76.9° |
| LED | 4PCS 0805 LEDs |
| Lens | EFL: 2.83mm, F/No. 2.0, 4P+IR 650nm |
| Focus Mode | Autofocus |
| Shutter Mode | Electronic Rolling Shutter |
| Audio Input | No |
| Output & Power Supply | High Speed USB2.0 |
| Interface | 6PIN Welding Spots |
| Controllable Parameters | Brightness, Contrast, Saturation, Hue, Sharpness, Gamma, White Balance, Backlight Contrast, Exposure |
| Supported OS | UVC-compliant, Plug and Play for Windows, Android, Linux, Mac OS, etc. |
| Connection Cable | Default 1.0 Meter USB Cable |

2. Supported Resolutions and Frame Rates

| Formats | Resolutions | Frame Rates |
|---------|-------------|-------------|
| MJPEG | 2952x1944 | 30FPS |
| | 2048x1536 | 30FPS |
| | 1920x1080 | 30FPS |
| | 1280x720 | 30FPS |
| | 800x600 | 30FPS |
| | 640x480 | 30FPS |
| YUY2 | 2952x1944 | 3FPS |
| | 2048x1536 | 3FPS |
| | 1920x1080 | 5FPS |
| | 1280x720 | 10FPS |
| | 640x480 | 30FPS |

3. PIN Definitions

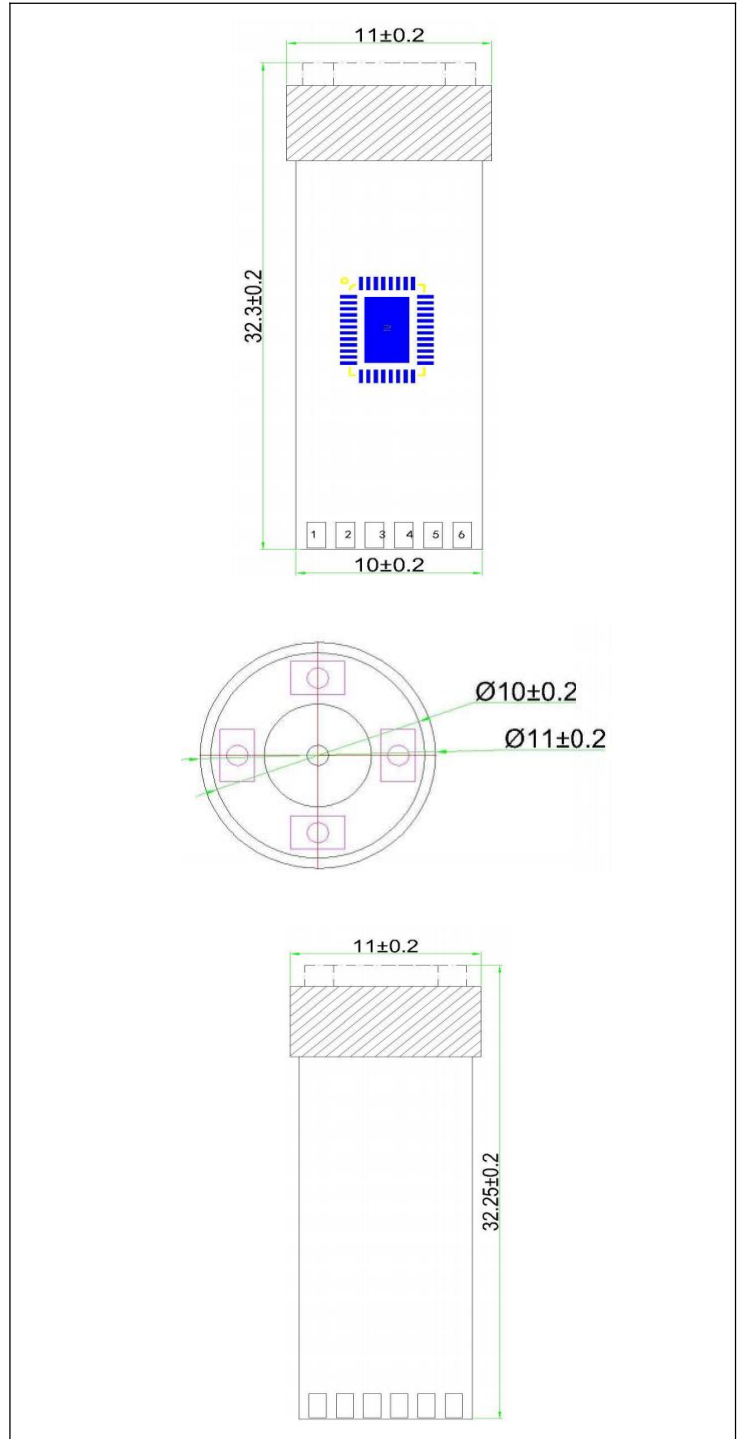
| Pin No. | Signal Names | Descriptions |
|---------|--------------|--------------|
| 1 | Key | Shot Key |

| | | |
|---|-----|--------------|
| 2 | LED | LED+ |
| 3 | VCC | DV 5V |
| 4 | DM | USB2.0 Data- |
| 5 | DP | USB2.0 Data+ |
| 6 | GND | Ground |

4. Working Conditions

| | |
|---------------------|--------------|
| Working Voltage | DC 5V |
| Working Current | 180mA |
| Working Temperature | -20°C ~ 60°C |
| Storage Temperature | -20°C ~ 85°C |
| Humidity | 80 ~ 85% |

5. Shape and Dimensions (Unit: mm)



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