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# IDS Imaging U3-3270CP-M-GL 1/1.8" Monochrome USB3 Camera

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IDS Imaging uEye+ USB3 Camera, CP Model (Front)



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**Video Output:**  
USB 3.0

**Type:**  
Monochrome Camera

|                                                                                             |
|---------------------------------------------------------------------------------------------|
| <b>Manufacturer:</b><br>IDS Imaging                                                         |
| <b>Mounting Threads:</b><br>¼-20 with Tripod Mount Adapter <a href="#">#35-088</a>          |
| <b>Image Buffer:</b><br>128MB                                                               |
| <b>Camera Family:</b><br>uEye+ CP                                                           |
| <b>Model Number:</b><br>U3-3270CP-M-GL Rev.2.2                                              |
| <b>Imaging Sensor:</b><br>Sony IMX265                                                       |
| <b>Type of Sensor:</b><br>Progressive Scan CMOS                                             |
| <b>Type of Shutter:</b><br>Global                                                           |
| <b>Camera Sensor Format:</b><br>1/1.8"                                                      |
| <b>Resolution (MegaPixels):</b><br>3.15                                                     |
| <b>Pixels (H x V):</b><br>2,048 x 1,536                                                     |
| <b>Pixel Size, H x V (µm):</b><br>3.45 x 3.45                                               |
| <b>Sensing Area, H x V (mm):</b><br>7.07 x 5.30                                             |
| <b>Frame Rate (fps):</b><br>58.00                                                           |
| <b>Pixel Depth:</b><br>12 bit                                                               |
| <b>Exposure Time:</b><br>25µs - 2s                                                          |
| <b>Connector:</b><br>USB 3.0, Micro-B                                                       |
| <b>Power Supply:</b><br>Power over USB                                                      |
| <b>Power Consumption (W):</b><br>1.5 - 3.1                                                  |
| <b>GPIOs:</b><br>2 Flash Output, 2 Trigger Input, 2 GPIO, 1 Output Supply Voltage, 1 Ground |
| <b>Synchronization:</b><br>Hardware Trigger (GPIO)                                          |
| <b>Dimensions (mm):</b><br>29.0 x 29.0 x 29.0 (excludes connectors and lens mount)          |
| <b>Weight (g):</b><br>47                                                                    |
| <b>Mount:</b><br>C-Mount                                                                    |
| <b>Housing:</b><br>Full                                                                     |
| <b>Interface Port Orientation:</b><br>Back Panel                                            |
| <b>Dynamic Range (dB):</b><br>Not Specified                                                 |
| <b>Operating Temperature (°C):</b><br>0 to +55                                              |
| <b>Storage Temperature (°C):</b><br>-20 to +60                                              |
| <b>GPIO Connector Type:</b><br>8-pin Hirose (HR25)                                          |
| <b>Machine Vision Standard:</b><br>USB3 Vision v1.0                                         |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS:</b><br><a href="#">Compliant</a>                  |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |
| <b>Reach 233:</b><br><a href="#">Contains SVHC(s)</a>      |

