

HSC-03M2-O

Lightweight USB 3.0 Camera, Micron MT9V022 CMOS, Global Shutter, 60 FPS at 752x480, without Lens



Features

- » IEI Vision SDK available
- » Compact and lightweight industrial camera with Aptina global shutter CMOS sensor
- » Compatible with USB 3.0 SuperSpeed specification
- » Resolutions up to 752x480
- » Frame rates up to 60 FPS
- » Support AMCap and other DirectShow compatible software
- » Other commercial vision software supported through DirecShow, ex: Halcon
- » IEI Similarity technology can provide image enhancement

Specifications

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|-----------------------|--------------------------------------|
| Appearance | |
| Dimension | 58.9 mm x 29 mm x 29 mm |
| Environment | |
| Operating Temperature | 0°C ~ 45°C |
| Storage Humidity | 20% ~ 95% |
| Storage Temperature | -30° ~ 60°C |
| Operating Humidity | 20% ~ 80% |
| Others | |
| Power Consumption | < 3.5W |
| Power Requirements | 5V via external connector or USB 3.0 |
| Parameters | |
| ADC | 8-bit/10-bit |
| Pixel Size | 6.0 μm |
| Readout Method | Global shutter |
| Resolution | 752 x 480 |
| Sensor Name | Micron MT9V022 |
| Sensor Type | CMOS |
| Auxiliary Output | 3.3 V, 100 mA max |
| Sensor Size (inch) | 1/3-inch |
| Chroma | Mono |
| Compliance | CE, FCC |
| Frame Rate | 60FPS |
| Interface | USB 3.0 interface |
| Lens Mount | CS-mount |
| Mass | 79g |
| Megapixels | 0.3 MP |
| Software Support | |
| SDK | 1 x Windows |
| OS Support | 1 x Microsoft Windows 7 64-bit |
| | Operating System(Support UVC) |
| | 1 x Microsoft Windows 10 64-bit |

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|---------------------------|----------------------------------|
| | 1 x Microsoft Windows 8.1 64-bit |
| | 1 x Microsoft Windows 8.1 32-bit |
| | 1 x Microsoft Windows 7 32-bit |
| | 1 x Microsoft Windows 10 32-bit |
| System Requirement | |
| CPU | Intel® Core™ i5 or above |
| Memory | 2GB or more |

Ordering Information

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| HSC-03M2-O-R10 | USB3.0 Monochrome Industrial camera, 1/3" Aptina(On-semi) CMOS, 752x480 pixel, 60FPS |
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Packing List

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|---------------------------|----------------------|
| 1 x HSC-03M2-O | 1 x Mounting bracket |
| 1 x CS to C mount adapter | 1 x QIG |