

MV-CH050-10CM/CC

5 MP 2/3" CMOS Camera Link Area Scan Camera







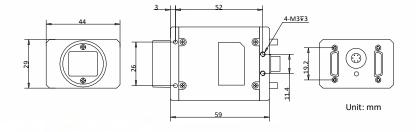
Introduction

MV-CH050-10CM/CC camera adopts Sony® IMX250 sensor to ● provide high-quality image. It uses Camera Link interface to • transmit non-compressed images in real time with max. frame rate reaching 140 fps.

Key Feature

- Adopts global shutter CMOS sensor providing high signal-to-noise ratio, wide dynamic range, and highquality image.
- Resolution of 2432 \times 2048 and pixel size of 3.45 μm \times 3.45 μ m.
- Supports configuration modes of Base, Medium, Full and 80-bit via the Camera Link interface.
- Adopts compact design with mounting holes for flexible mounting.

Dimension



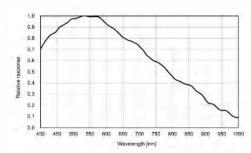
Available Model

- Mono camera: MV-CH050-10CM
- Color camera: MV-CH050-10CC

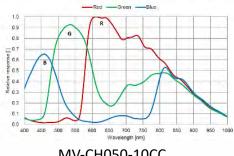
Applicable Industry

SMT/ PCB AOI, FPD, railway related applications, high-accuracy measurement, etc.

Sensor Quantum Efficiency



MV-CH050-10CM



MV-CH050-10CC



Specification

Sensor type CMOS, global shutter Sensor model Sony® IMX250 Pikel size 3.45 µm × 3.45 µm Sensor size 2/3" Resolution 2432 × 2048 Max. frame rate 140 fps @2432 × 2048 Configuration mode Base, Medium, Full, 80-bit Tap geometry 1X_1Y, 1X4_1Y, 1X8_1Y, 1X10_1Y Tap number 2 Taps, A Taps, 8 Taps, 10 Taps Pikel clock 60 MHz, 70 MHz, 85 MHz Dynamic range 75.4 dB SNR 40 dB Gain 0 dB to 20 dB 0 dB to 17 dB Exposure time 15 jus to 10 sec 4 µs to 10 sec Exposure mode Off/Once/Continuous exposure mode Mono /color Mono os /10/12 Bayer RG 8/10/12, RGB 8 Binning Supports 1 × 1, 1 × 2, 1 × 4, 2 × 1, 2 × 2, 2 Not support Decimation Not support Supports 1 × 1, 1 × 2, 1 × 4, 2 × 1, 2 × 2, 2 Not support Beterrical feature Supports horizontal and vertical reverse image output Electrical feature Data interface Camera Link with SDR interface G-pin Hirose connector provides po	Model	MV-CH050-10CM	MV-CH050-10CC	
Sensor model Sony® IMX250	Camera			
Pixel size 3.45 μm x 3.45 μm Sansor size 2/3"	Sensor type	CMOS, global shutter		
Sensor size 2/3" Resolution 2432 × 2048 Max. frame rate 140 fps @ 2432 × 2048 Max. frame rate 140 fps @ 2432 × 2048 Max. frame rate 140 fps @ 2432 × 2048 Max. frame rate 140 fps @ 2432 × 2048 Max. frame rate 142 fpt 182 fpt 1	Sensor model	Sony® IMX250		
Max. frame rate 140 fps @ 2432 × 2048 Max. frame rate 140 fps @ 2432 × 2048 Configuration mode Base, Medium, Full, 80-bit Tap geometry 1X2_1Y, 1X4_1Y, 1X8_1Y, 1X10_1Y Tap number 2 Taps, 4 Taps, 8 Taps, 10 Taps Pixel clock 60 MHz, 70 MHz, 85 MHz Dynamic range 75.4 dB SNR 40 dB Gain 0 dB to 20 dB Exposure time 15 μs to 10 sec Exposure mode Mono/color Mono Mono Color Pixel format Mono 8/10/12 Bayer RG 8/10/12, RGB 8 Binning Supports 1 × 1, 1 × 2, 1 × 4, 2 × 1, 2 × 2, 2 × 4, 4 × 1, 4 × 2, 4 × 4 Decimation Not support Reverse image Supports horizontal and vertical reverse image output Electrical feature Data interface Camera Link with SDR interface Digital I/O 6-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Power consumption Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system	Pixel size	3.45 μm × 3.45 μm		
Max. frame rate Configuration mode Base, Medium, Full, 80-bit Tap geometry 1X2_1Y, 1X4_1Y, 1X8_1Y, 1X10_1Y Tap number 2 Taps, 4 Taps, 8 Taps, 10 Taps Pixel clock 60 MHz, 70 MHz, 85 MHz Dynamic range 75.4 dB SNR 40 dB Gain 0 dB to 20 dB Color Bayer RG 8/10/12, RGB 8 Binning Supports 1 x 1, 1 x 2, 1 x 4, 2 x 1, 2 x 2, 2 x 4, 4 x 1, 4 x 2, 4 x 4 Decimation Not support Reverse image Digital I/O G-pin Hirose connector provides power and I/O, including opto-isolated input x 1 (Line 1), bi-directional non-isolated I/O x 1 (Line 2). Power supply 9 VDC to 24 VDC Power consumption C-mount Dimension 4 mm x 29 mm x 59 mm (1.7" x 1.1" x 2.3") Meight Approx. 100 g (0.2 lb.) Ingress protection Temperature MVS or frame grabber software meeting with GenlCam Protocol Operating system MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	Sensor size	2/3"		
Configuration mode Base, Medium, Full, 80-bit Tap geometry 1X2_1Y, 1X4_1Y, 1X8_1Y, 1X10_1Y Tap number 2 Taps, 4 Taps, 8 Taps, 10 Taps Pixel clock 60 MHz, 70 MHz, 85 MHz Dynamic range 75.4 dB SNR 40 dB Gain 0 dB to 20 dB 0 dB to 17 dB Exposure time 15 μs to 10 sec Exposure mode Off/Once/Continuous exposure mode Mono/color Mono Color Pixel format Mono 8/10/12 Bayer RG 8/10/12, RGB 8 Binning Supports 1 × 1, 1 × 2, 1 × 4, 2 × 1, 2 × 2, 2 × 4, 4 × 1, 4 × 2, 4 × 4 Decimation Not support Reverse image Supports horizontal and vertical reverse image output Electrical feature Data interface Digital I/O G-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Power consumption Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 152 °F) Storage temperature: 0 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	Resolution	2432 × 2048		
Tap geometry 1X2_1Y, 1X4_1Y, 1X8_1Y, 1X10_1Y Tap number 2 Taps, 4 Taps, 8 Taps, 10 Taps Pixel clock 60 MHz, 70 MHz, 85 MHz Dynamic range 75.4 dB SNR 40 dB Gain 0 dB to 20 dB Exposure time 15 µs to 10 sec Exposure mode Mono/color Mono Color Pixel format Mono 8/10/12 Binning Supports 1 × 1, 1 × 2, 1 × 4, 2 × 1, 2 × 2, 2 × 4, 4 × 1, 4 × 2, 4 × 4 Decimation Not support Reverse image Supports horizontal and vertical reverse image output Electrical feature Data interface Camera Link with SDR interface Digital I/O G-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 0), opto-isolated output × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply Power consumption Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system	Max. frame rate	140 fps @2432 × 2048		
Tap number 2 Taps, 4 Taps, 8 Taps, 10 Taps Pixel clock 60 MHz, 70 MHz, 85 MHz Dynamic range 75.4 dB SNR 40 dB SNR 40 dB 0 dB to 20 dB 0 dB to 17 dB Exposure time 15 µs to 10 sec 4 µs to 10 sec Exposure mode Off/Once/Continuous exposure mode Mono/color Mono Color Pixel format Mono 8/10/12 Bayer RG 8/10/12, RGB 8 Binning Supports 1 × 1, 1 × 2, 1 × 4, 2 × 1, 2 × 2, 2 × 4, 4 × 1, 4 × 2, 4 × 4 Not support Decimation Not support Reverse image Supports horizontal and vertical reverse image output Electrical feature Data interface Camera Link with SDR interface Digital I/O 6-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 0), opto-isolated output × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Power consumption Typ. 3.25 W@12 VDC Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system	Configuration mode	Base, Medium, Full, 80-bit		
Pixel clock Dynamic range 75.4 dB 75.4 dB 75.4 dB 80 dB 0 dB to 20 dB 0 dB to 17 dB 15 μs to 10 sec 4 μs to 10 sec 15 μs to 10 sec 20 dB 20	Tap geometry	1X2_1Y, 1X4_1Y, 1X8_1Y, 1X10_1Y		
Dynamic range 75.4 dB SNR 40 dB Gain 0 dB to 20 dB 0 dB to 17 dB Exposure time 15 μs to 10 sec 4 μs to 10 sec Exposure mode Off/Once/Continuous exposure mode Mono /Color Mono Color Pixel format Mono 8/10/12 Bayer RG 8/10/12, RGB 8 Binning Supports 1 × 1, 1 × 2, 1 × 4, 2 × 1, 2 × 2, 2 × 4, 4 × 1, 4 × 2, 4 × 4 Not support Decimation Not support Reverse image Supports horizontal and vertical reverse image output Electrical feature Camera Link with SDR interface Digital I/O 6-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 0), opto-isolated output × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Power consumption Typ. 3.25 W@12 VDC Mechanical Lens mount C-mount Dimension Methodiscal Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F)	Tap number	2 Taps, 4 Taps, 8 Taps, 10 Taps		
SNR 40 dB Gain 0 dB to 20 dB 0 dB to 17 dB Exposure time 15 μs to 10 sec 4 μs to 10 sec Exposure mode Off/Once/Continuous exposure mode Mono/color Mono Color Pixel format Mono 8/10/12 Bayer RG 8/10/12, RGB 8 Binning Supports 1 × 1, 1 × 2, 1 × 4, 2 × 1, 2 × 2, 2 × 4, 4 × 1, 4 × 2, 4 × 4 Decimation Not support Reverse image Supports horizontal and vertical reverse image output Electrical feature Data interface Camera Link with SDR interface Digital I/O 6-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 0), opto-isolated output × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Power consumption Typ. 3.25 W@12 VDC Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	Pixel clock	60 MHz, 70 MHz, 85 MHz		
Gain 0 dB to 20 dB 0 dB to 17 dB Exposure time 15 μs to 10 sec 4 μs to 10 sec Exposure mode Off/Once/Continuous exposure mode Mono/color Mono Color Pixel format Mono 8/10/12 Bayer RG 8/10/12, RGB 8 Binning Supports 1 × 1, 1 × 2, 1 × 4, 2 × 1, 2 × 2, 2 × 4, 4 × 1, 4 × 2, 4 × 4 Not support Reverse image Supports horizontal and vertical reverse image output Electrical feature Camera Link with SDR interface Data interface Camera Link with SDR interface Digital I/O 6-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 0), opto-isolated output × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Power consumption Typ. 3.25 W@12 VDC Mechanical Lens mount Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing Gener	Dynamic range			
Exposure time 15 µs to 10 sec 4 µs to 10 sec Exposure mode Off/Once/Continuous exposure mode Mono/Color Mono Color Pixel format Mono 8/10/12 Bayer RG 8/10/12, RGB 8 Binning Supports 1 × 1, 1 × 2, 1 × 4, 2 × 1, 2 × 2, 2 × 4, 4 × 1, 4 × 2, 4 × 4 Decimation Not support Reverse image Supports horizontal and vertical reverse image output Electrical feature Data interface Camera Link with SDR interface Digital I/O 6-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Power consumption Typ. 3.25 W@12 VDC Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	SNR	40 dB		
Exposure mode Mono/color Mono Supports Supports 1 × 1, 1 × 2, 1 × 4, 2 × 1, 2 × 2, 2 × 4, 4 × 1, 4 × 2, 4 × 4 Not support Mono Mot support Reverse image Supports horizontal and vertical reverse image output Electrical feature Data interface Data interface Camera Link with SDR interface Digital I/O G-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 0), opto-isolated output × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Power consumption Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	Gain	0 dB to 20 dB	0 dB to 17 dB	
Mono/color Mono Pixel format Mono 8/10/12 Binning Supports 1 × 1, 1 × 2, 1 × 4, 2 × 1, 2 × 2, 2 × 4, 4 × 1, 4 × 2, 4 × 4 Decimation Not support Supports horizontal and vertical reverse image output Electrical feature Data interface Digital I/O G-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 0), opto-isolated output × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Power consumption Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: -30 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system	Exposure time	15 μs to 10 sec	4 μs to 10 sec	
Pixel format Mono 8/10/12 Bayer RG 8/10/12, RGB 8 Binning Supports 1 × 1, 1 × 2, 1 × 4, 2 × 1, 2 × 2, 2 × 4, 4 × 1, 4 × 2, 4 × 4 Decimation Not support Reverse image Supports horizontal and vertical reverse image output Electrical feature Data interface Digital I/O 6-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 0), opto-isolated output × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Power consumption Typ. 3.25 W@12 VDC Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	Exposure mode			
Binning Supports 1 × 1, 1 × 2, 1 × 4, 2 × 1, 2 × 2, 2 × 4, 4 × 1, 4 × 2, 4 × 4 Decimation Not support Reverse image Supports horizontal and vertical reverse image output Electrical feature Data interface Digital I/O 6-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 0), opto-isolated output × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Power consumption Typ. 3.25 W@12 VDC Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	Mono/color	Mono	Color	
Decimation Not support Supports horizontal and vertical reverse image output Electrical feature Data interface Digital I/O 6-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 0), opto-isolated output × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Power consumption Typ. 3.25 W@12 VDC Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: -30 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	Pixel format	Mono 8/10/12	Bayer RG 8/10/12, RGB 8	
Decimation Not support Supports horizontal and vertical reverse image output Electrical feature Data interface Digital I/O G-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 0), opto-isolated output × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Power consumption Typ. 3.25 W@12 VDC Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: -30 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) 44 mmidity General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	Binning	Supports 1×1 , 1×2 , 1×4 , 2×1 , 2×2 ,		
Reverse image Supports horizontal and vertical reverse image output Electrical feature Data interface Camera Link with SDR interface G-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 0), opto-isolated output × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Power consumption Typ. 3.25 W@12 VDC Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10		$2 \times 4, 4 \times 1, 4 \times 2, 4 \times 4$		
Electrical feature Data interface Camera Link with SDR interface 6-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 0), opto-isolated output × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Typ. 3.25 W@12 VDC Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	Decimation	Not support		
Data interface Camera Link with SDR interface 6-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 0), opto-isolated output × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Power consumption Typ. 3.25 W@12 VDC Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	Reverse image	Supports horizontal and vertical reverse image output		
G-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line 0), opto-isolated output × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply	Electrical feature			
O), opto-isolated output × 1 (Line 1), bi-directional non-isolated I/O × 1 (Line 2). Power supply 9 VDC to 24 VDC Typ. 3.25 W@12 VDC Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	Data interface	Camera Link with SDR interface		
Power supply 9 VDC to 24 VDC Typ. 3.25 W@12 VDC Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	Digital I/O	6-pin Hirose connector provides power and I/O, including opto-isolated input × 1 (Line		
Power consumption Typ. 3.25 W@12 VDC Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10				
Mechanical Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	Power supply	9 VDC to 24 VDC		
Lens mount C-mount Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	Power consumption	Typ. 3.25 W@12 VDC		
Dimension 44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3") Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol 32/64-bit Windows XP/7/10	Mechanical			
Weight Approx. 100 g (0.2 lb.) Ingress protection IP30 (under proper lens installation and wiring) Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol 32/64-bit Windows XP/7/10	Lens mount	C-mount		
Ingress protection IP30 (under proper lens installation and wiring) Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol 32/64-bit Windows XP/7/10	Dimension	44 mm × 29 mm × 59 mm (1.7" × 1.1" × 2.3")		
Temperature Working temperature: 0 °C to 50 °C (32 °F to 122 °F) Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	Weight	Approx. 100 g (0.2 lb.)		
Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F) Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol 32/64-bit Windows XP/7/10	Ingress protection	IP30 (under proper lens installation and wiring)		
Humidity 20% to 80% RH, non-condensing General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10	Temperature	Working temperature: 0 °C to 50 °C (32 °F to 122 °F)		
General Client software MVS or frame grabber software meeting with GenlCam Protocol Operating system 32/64-bit Windows XP/7/10		Storage temperature: -30 °C to 70 °C (-22 °	Storage temperature: -30 °C to 70 °C (-22 °F to 158 °F)	
Client software MVS or frame grabber software meeting with GenlCam Protocol 32/64-bit Windows XP/7/10	Humidity	20% to 80% RH, non-condensing		
Operating system 32/64-bit Windows XP/7/10	General			
	Client software	MVS or frame grabber software meeting w	rith GenlCam Protocol	
Compatibility Compatibility Compatibility Compatibility	Operating system	32/64-bit Windows XP/7/10		
Companismity Camera Link v2.0, Genicam	Compatibility	Camera Link V2.0, GenlCam		
Certification CE, FCC, RoHS, KC	Certification	CE, FCC, RoHS, KC		



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