

DAHENG IMAGING
SINCE 1991



33 Years Dedicated to Machine Vision!



About Us

Welcome



Daheng Science & Technology Tower

Founded in 1991, DAHENG IMAGING is a leading supplier for professional imaging components as well as machine vision solutions. Since its founding, the company has been dedicated to the advancement of imaging & vision technologies and delivered a range of own-developed vision products with many proprietary innovations. Being a know-how company with long history in machine vision industry, DAHENG IMAGING deserves trusts from counterparts all over the world and has established close cooperation. After over three decades of rapid growth, DAHENG IMAGING becomes one of the most famous and successful vision company in China. As core asset of public company DAHENG TECH (stock symbol: 600288), DAHENG IMAGING is committed to providing our customers with cutting edge technology, high quality products and perfect service.



Automated Imaging Association



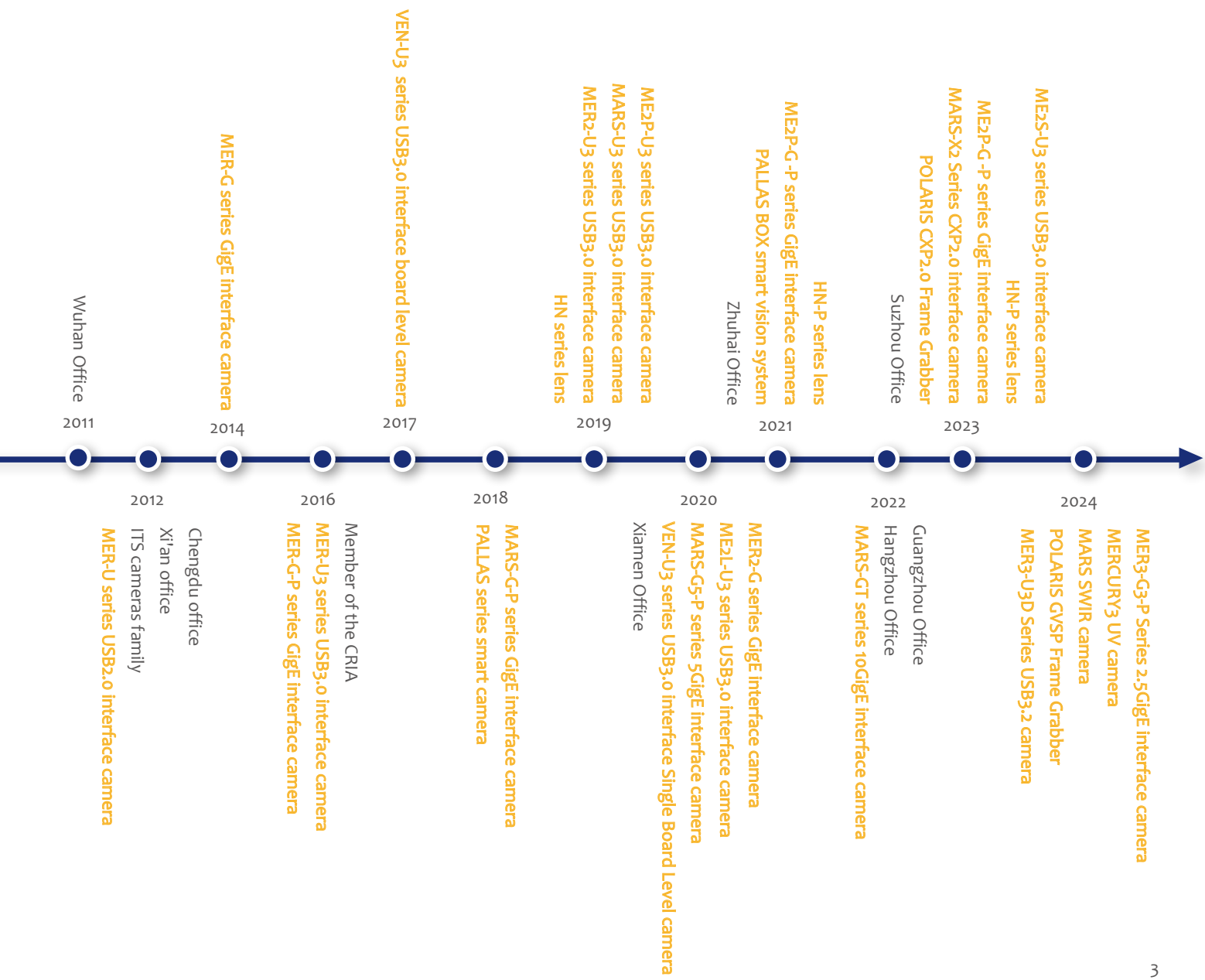
ISO9001:2000



European Machine Vision Association

Our Story





Our Philosophies

Integrity

Being honest and having strong moral principles are at the heart of our culture. We firmly believe that sincerity will lead to mutual benefit and keeping promises is the foundation of our characteristics and business ethics.

People Oriented

We respect Human Values and regard employees as our most valuable assets. All of our efforts aim to finally serve people, and we carefully hear voices of each partner. We really enjoy seeing customers' ideas come to life, employees' dreams are turned into realities, and partners' wishes come true. And such kinds of successful stories spread throughout the country and the whole world.

Keep Diligence

Just being diligence and pragmatism when working with our customers is a fundamental rule of our professionalism. We adopt a pragmatic approach to our business, admit the existence of imperfections and limitations of technologies, and constantly remind and motivate ourselves that we must pursue the best to satisfy requirements from customers and employees.





Dedicated to Machine Vision

Win-Win Cooperation

We treat every customer as one of our partners, refuse to play "zero-sum game" in the business, and believe that all participants in the game will become the winner. With a sincere heart, we always take a partner's responsibility to create values for our customers and then realize our own values in return.

Continuous Innovation

From the date of establishment, we created so many "breakthroughs" which have already been recorded in the machine vision history of China. With a global vision and a natural sense of urgency, however, we clearly understand that "innovation capability" is the soul of a hi-tech company and the only way leading to cutting-edge technologies and products which deserve customers' trust and indeed improve productivity.

Our Team

- Headquarters located in Beijing, based upon the strength of Chinese Academy of Sciences
- Having enterprise post-doctoral station dedicated to Machine Vision
- Having up to 870 employees by the end of 2023
- A large network for support and services has been established
- Featuring a R&D team with over 300 professionals, 40% of employees having master degree
- Proven innovation ability and patented technologies



Our Promise

3-Year Warranty

DAHENG IMAGING offers a 3-year warranty for the camera. We make this unprecedented promise because we have unparalleled confidence in our products. We continually reinvest in research, development and superior manufacturing capabilities so that our customers can fully rely on the products we manufacture.



Our Products

MERCURY3 Series



MERCURY3 series camera equipped with Sony "Pregius S" CMOS sensor now unveils a brand new MER3-U3D series, which uses USB3.2 interface, compared to USB 3.0, it has improved compatibility and transmission speed. MER3-G3-P series is capable of 2.5Gbit/s maximum transfer data rate, and has multiple models suitable for different users. Four-side mounting holes provide maximum installation flexibility for cameras. Thanks to the extremely compact, robust metal housings and locking screw connectors, the MERCURY3 series camera can secure the reliability of cameras deployed in harsh environments.

- The Sequencer Control supports multiple sets of parameters configuration
- Decimation, Gamma, Digital Shift and Black Level
- Multidimensional color conversion, Auto black level, Counter trigger (Only for MER3-U3D)
- Burst Acquisition (Only for MER3-G3-P)
- Color models support Light source preset, Color Transformation Control and Saturation
- Timer, Counter, LUTs and User Set ControlSupport third-party software such as HALCON, MERLIC and LabVIEW

*There are differences between different models, please refer to the datasheet or manual for more details.

MER3-G3-P

Model	Interface	Resolution (H×V)	Frame Rate (fps)	Sensor	Pixel Size (μm)	Pixel Bit Depth (bits)	Mono/ Color	Lens mount
MER3-033-262G3M-P-SWIR*	2.5GigE PoE	640×512	262 (8bit)	Sony IMX991-AABJ-C SWIR	5	8/10/12	Mono, SWIR	C
MER3-138-136G3M-P-SWIR*	2.5GigE PoE	1280×1024	136 (8bit)	Sony IMX990-AABJ-C SWIR	5	8/10/12	Mono, SWIR	C
MER3-501-59G3M/C-P*	2.5GigE PoE	2448×2048	59	Sony global shutter CMOS	3.45	12	Mono/Color	C
MER3-506-58G3M/C-P	2.5GigE PoE	2448×2048	58.60	1/1.8" Sony IMX547 global shutter CMOS	2.74	8/12	Mono/Color	C
MER3-800-36G3M/C-P	2.5GigE PoE	2840×2840	36.42	2/3" Sony IMX546 global shutter CMOS	2.74	8/12	Mono/Color	C
MER3-810-36G3M-P-UV Fo2	2.5GigE PoE	2856×2848	36.13	2/3" Sony IMX487 global shutter CMOS	2.74	8/12	UV	C
MER3-1220-24-G3M/C-P*	2.5GigE PoE	4024×3036	24	Sony IMX226CLJ-C (Mono) Sony IMX226CQJ-C (Color)	1.85	12	Mono/Color	C
MER3-1221-24G3M/C-P	2.5GigE PoE	4096×3000	23.9	1/1.1" Sony IMX545 global shutter CMOS	2.74	8/12	Mono/Color	C
MER3-2000-15-G3M/C-P*	2.5GigE PoE	5496×3672	15	Sony IMX183CLK (Mono) Sony IMX183CQJ (Color)	2.4	12	Mono/Color	C

*Pre-Release

Mechanical Specifications	
Weight	69g
Dimensions	29(W) × 29(H) × 50.6(L) mm
Environmental Specifications	
Operating temp.	0°C ~ +50°C
Operating humidity	10% ~ 80%
Storage temp.	-20°C ~ +70°C

Electrical Specifications	
Power requirement	12-24 VDC (6-PIN connector) or PoE
I/Os	Opto-isolated 1 input/1 output, 2 GPIOs
Data interface	RJ45 with locked
Power consumption	<4.73W@12V/PoE
Optical Specifications	
Lens mount	C Mount

MER3-U3D

Model	Interface	Resolution (H×V)	Frame Rate (fps)	Sensor	Pixel Size (μm)	Pixel Bit Depth (bits)	Mono/ Color	Lens mount
MER3-2440-34U3DM/C	USB3.2	5328×4608	34.7	Sony IMX540 global shutter CMOS	2.74	8/10/12	Mono/Color	C

Environmental Specifications	
Operating temp.	0°C ~ +45°C
Operating humidity	10% ~ 80%
Storage temp.	-20°C ~ +70°C

Electrical Specifications	
Power requirement	5VDC (USB3.2)
I/Os	Opto-isolated 1 input, 2 GPIOs
Data interface	USB3.2 Gen2, screwable
Optical Specifications	
Lens mount	C Mount

MERCURY2 Series



MERCURY2 series camera is DAHENG IMAGING's area scan industrial digital camera, featuring compact design, outstanding performance, high definition and extremely low noise. MERCURY2 series camera supports more features with improved built-in ISP algorithms and provides multiple acquisition controls.

Thanks to the extremely compact, robust metal housings and locking screw connectors, the MERCURY2 cameras can secure the reliability of cameras deployed in harsh environments. The MERCURY2 series camera also has an outstanding price/performance ratio. The MERCURY2 family cameras are especially suitable for machine vision applications such as industrial inspection, medical, scientific research, education, security and so on.

- GigE interface or USB3.0 interface
- Gain, exposure and white balance programmable
- Four acquisition controls: Single frame acquisition / Continuous acquisition / Software trigger acquisition / External trigger acquisition
- LUTs, storable user sets, Timer and Counter
- Adjustable Gamma and Sharpness for optimizing the brightness and sharpness of images
- Light source preset, Color Transformation Control, Saturation and Noise Reduction
- Decimation, Binning, Reverse X/Y, Digital Shift, Black Level, Flat Field Correction and Defect Pixel Correction
- 16KB data storage area for saving algorithm coefficients and parameter configuration
- Support third-party software such as HALCON, MERLIC and LabVIEW
- Optimized software package for 32/64bit Windows, and support Linux, ARMv7, ARMv8 and Mac OS
- Regulations: CE, RoHS, GenICam, GigE Vision, USB Vision

*There are differences between different models, please refer to the datasheet or manual for more details.

MER2-G

Model	Interface	Resolution (H×V)	Frame Rate (fps)	Sensor	Pixel Size (μm)	Pixel Bit Depth (bits)	Mono/ Color	Lens mount
MER2-041-302GM/C	GigE	720 × 540	302.3	1/2.9" Sony IMX287 global shutter CMOS	6.9	8/12	Mono/Color	C/CS
MER2-051-120GM/C	GigE	808 × 608	120	1/3.6" ON PYTHON 480 global shutter CMOS	4.8	8/10	Mono/Color	C/CS
MER2-134-90GM/C	GigE	1280 × 1024	90	1/2" ON PYTHON 1300 global shutter CMOS	4.8	8/10	Mono/Color	C/CS
MER2-160-75GM/C	GigE	1440 × 1080	75.6	1/2.9" Sony IMX273 global shutter CMOS	3.45	8/12	Mono/Color	C/CS
MER2-202-60GM/C	GigE	1600 × 1200	60	1/1.8" Teledyne e2v EV76C570 global shutter CMOS	4.5	8/10	Mono/Color	C/CS
MER2-231-41GM/C	GigE	1920 × 1200	41	1/1.2" Sony IMX249 global shutter CMOS	5.86	8/12	Mono/Color	C/CS
MER2-302-37GM/C	GigE	2048 × 1536	37.4	1/1.8" Sony IMX265 global shutter CMOS	3.45	8/12	Mono/Color	C/CS
MER2-503-23GM/C	GigE	2448 × 2048	23.5	2/3" Sony IMX264 global shutter CMOS	3.45	8/12	Mono/Color	C/CS
MER2-507-23GM/C	GigE	2592 × 1944	23.3	1/2.5" ON AR0521 rolling shutter CMOS	2.2	8/12	Mono/Color	C/CS
MER2-507-23GM NIR	GigE	2592 × 1944	23.3	1/2.5" ON AR0522 rolling shutter CMOS	2.2	8/12	Mono, NIR	C/CS
MER2-630-18GM/C	GigE	3088 × 2064	18.45	1/1.8" Sony IMX178 rolling shutter CMOS	2.4	8/12	Mono/Color	C/CS
MER2-1070-10GM	GigE	3840 × 2748	10	1/2.3" ON MT9J003 rolling shutter CMOS	1.67	8/12	Mono	C/CS
MER2-1220-9GM/C	GigE	4024 × 3036	9.63	1/1.7" Sony IMX226 rolling shutter CMOS	1.85	8/12	Mono/Color	C/CS
MER2-2000-6GM/C	GigE	5496 × 3672	5.8	1" Sony IMX183 rolling shutter CMOS	2.4	8/12	Mono/Color	C/CS

Mechanical Specifications

Weight	62 ~ 68g
Dimensions	29(W) × 29(H) × 29(L) mm

Environmental Specifications

Operating temp.	0°C ~ +45°C
Operating humidity	10% ~ 80%
Storage temp.	-20°C ~ +70°C

Electrical Specifications

Power requirement	12-24 VDC (8-PIN connector)
I/Os	Opto-isolated 1 input/1 output, 2 GPIOs
Data interface	RJ45 with locked
Power consumption	<3W@24VDC

Optical Specifications

Lens mount	C / CS Mount
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MER2-G-P

Model	Interface	Resolution (H×V)	Frame Rate (fps)	Sensor	Pixel Size (μm)	Pixel Bit Depth (bits)	Mono/ Color	Lens mount
MER2-041-302GM/C-P	GigE PoE	720 × 540	302.3	1/2.9" Sony IMX287 global shutter CMOS	6.9	8/12	Mono/Color	C/CS
MER2-051-120GM/C-P	GigE PoE	808 × 608	120	1/3.6" ON PYTHON 480 global shutter CMOS	4.8	8/10	Mono/Color	C/CS
MER2-134-90GM/C-P	GigE PoE	1280 × 1024	90	1/2" ON PYTHON 1300 global shutter CMOS	4.8	8/10	Mono/Color	C/CS
MER2-160-75GM/C-P	GigE PoE	1440 × 1080	75.6	1/2.9" Sony IMX273 global shutter CMOS	3.45	8/12	Mono/Color	C/CS
MER2-202-60GM/C-P	GigE PoE	1600 × 1200	60	1/1.8" Teledyne e2v EV76C570 global shutter CMOS	4.5	8/10	Mono/Color	C/CS
MER2-231-41GM/C-P	GigE PoE	1920 × 1200	41	1/1.2" Sony IMX249 global shutter CMOS	5.86	8/12	Mono/Color	C/CS
MER2-302-37GM/C-P	GigE PoE	2048 × 1536	37.4	1/1.8" Sony IMX265 global shutter CMOS	3.45	8/12	Mono/Color	C/CS
MER2-503-23GM/C-P	GigE PoE	2448 × 2048	23.5	2/3" Sony IMX264 global shutter CMOS	3.45	8/12	Mono/Color	C/CS
MER2-503-23GM-P POL	GigE PoE	2448 × 2048	23.5	2/3"Sony IMX264 MZR global shutter CMOS	3.45	8/12	Polarzation	C/CS
MER2-507-23GM/C-P	GigE PoE	2592 × 1944	23.3	1/2.5" ON AR0521 rolling shutter CMOS	2.2	8/12	Mono/Color	C/CS
MER2-507-23GM-P NIR	GigE PoE	2592 × 1944	23.3	1/2.5" ON AR0522 rolling shutter CMOS	2.2	8/12	Mono, NIR	C/CS
MER2-630-18GM/C-P	GigE PoE	3088 × 2064	18.45	1/1.8" Sony IMX178 rolling shutter CMOS	2.4	8/12	Mono/Color	C/CS
MER2-1070-10GM-P	GigE PoE	3840 × 2748	10	1/2.3" ON MT9J003 rolling shutter CMOS	1.67	8/12	Mono	C/CS
MER2-1220-9GM/C-P	GigE PoE	4024 × 3036	9.63	1/1.7" Sony IMX226 rolling shutter CMOS	1.85	8/12	Mono/Color	C/CS
MER2-2000-6GM/C-P	GigE PoE	5496 × 3672	5.8	1" Sony IMX183 rolling shutter CMOS	2.4	8/12	Mono/Color	C/CS

Mechanical Specifications

Weight	75g
Dimensions	29(W) × 29(H) × 40.3(L) mm

Environmental Specifications

Operating temp.	0°C ~ +45°C
Operating humidity	10% ~ 80%
Storage temp.	-20°C ~ +70°C

Electrical Specifications

Power requirement	12-24 VDC (8-PIN connector) or PoE
I/Os	Opto-isolated 1 input/1 output, 2 GPIOs
Data interface	RJ45 with locked
Power consumption	<3W@24VDC; <3.75W@POE

Optical Specifications

Lens mount	C / CS Mount
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MER2-u3

Model	Interface	Resolution (H×V)	Frame Rate (fps)	Sensor	Pixel Size (μm)	Pixel Bit Depth (bits)	Mono/ Color	Lens mount
MER2-041-528U3M/C	USB3.0	720 × 540	528.5	1/2.9" Sony IMX287 global shutter CMOS	6.9	8/10/12	Mono/Color	C/CS
MER2-041-608U3M/C-HS	USB3.0	720×540	608	1/2.9" Sony IMX287 global shutter CMOS	6.9	8/10/12	Mono/Color	C/CS
MER2-160-227U3M/C	USB3.0	1440 × 1080	227	1/2.9" Sony IMX273 global shutter CMOS	3.45	8/10	Mono/Color	C/CS
MER2-160-249U3M/C-HS	USB3.0	1440×1080	249.2	1/2.9" Sony IMX273 global shutter CMOS	3.45	8/10	Mono/Color	C/CS
MER2-230-168U3M/C	USB3.0	1920 × 1200	168	1/1.2" Sony IMX174 global shutter CMOS	5.86	8/10	Mono/Color	C/CS
MER2-231-41U3M/C	USB3.0	1920 × 1200	41	1/1.2" Sony IMX249 global shutter CMOS	5.86	8/10/12	Mono/Color	C/CS
MER2-240-159U3M/C	USB3.0	2048×1200	159.4	1/1.7" Gpixel GMAX4002 global shutter CMOS	4.0	8/10/12	Mono/Color	C/CS
MER2-280-139U3M/C	USB3.0	1936×1464	139.2	2/3" Sony IMX421 global shutter CMOS	4.5	8/10/12	Mono/Color	C/CS
MER2-301-125U3M/C	USB3.0	2048 × 1536	125	1/1.8" Sony IMX252 global shutter CMOS	3.45	8/10	Mono/Color	C/CS
MER2-302-56U3M/C	USB3.0	2048 × 1536	56	1/1.8" Sony IMX265 global shutter CMOS	3.45	8/10	Mono/Color	C/CS
MER2-502-79U3M/C	USB3.0	2448 × 2048	79.1	2/3" Sony IMX250 global shutter CMOS	3.45	8/10	Mono/Color	C/CS
MER2-502-79U3M POL	USB3.0	2448 × 2048	79.1	2/3" Sony IMX250MZR global shutter CMOS	3.45	8/10	Polarization	C/CS
MER2-503-36U3M/C	USB3.0	2448 × 2048	36	2/3" Sony IMX264 global shutter CMOS	3.45	8/10	Mono/Color	C/CS
MER2-503-36U3M POL	USB3.0	2448 × 2048	36	2/3" Sony IMX264MZR global shutter CMOS	3.45	8/10	Polarization	C/CS
MER2-630-60U3M/C	USB3.0	3088 × 2064	60	1/1.8" Sony IMX178 rolling shutter CMOS	2.4	8/10	Mono/Color	C/CS
MER2-1220-32U3M/C	USB3.0	4024 × 3036	32.3	1/1.7" Sony IMX226 rolling shutter CMOS	1.85	8/12	Mono/Color	C/CS
MER2-2000-19U3M/C	USB3.0	5496 × 3672	19.6	1" Sony IMX183 rolling shutter CMOS	2.4	8/12	Mono/Color	C/CS
MER2-U3-W90								
MER2-630-60U3M/C-W90	USB3.0	3088 × 2064	60	1/1.8" Sony IMX178 rolling shutter CMOS	2.4	8/10	Mono/Color	C/CS
MER2-1220-32U3M/C-W90	USB3.0	4024 × 3036	32.3	1/1.7" Sony IMX226 rolling shutter CMOS	1.85	8/12	Mono/Color	C/CS
MER2-2000-19U3M/C-W90	USB3.0	5496 × 3672	19.6	1" Sony IMX183 rolling shutter CMOS	2.4	8/12	Mono/Color	C/CS

Mechanical Specifications

Weight	65g ~ 78g
Dimensions	MER2-U3: 29(W) × 29(H) × 29(L) mm MER2-U3-W90: 29(W) × 29(H) × 58.8(L) mm

Environmental Specifications

Operating temp.	0°C ~ +45°C
Operating humidity	10% ~ 80%
Storage temp.	-20°C ~ +70°C

Electrical Specifications

Power requirement	5 VDC (USB3.0)
I/Os	Opto-isolated 1 input/1 output, 2 GPIOs
Data interface	USB3.0 with locked
Power consumption	<2.7W@5VDC

Optical Specifications

Lens mount	C / CS Mount
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MER2-u3-L

Model	Interface	Resolution (H×V)	Frame Rate (fps)	Sensor	Pixel Size (μm)	Pixel Bit Depth (bits)	Mono/ Color	Lens mount
MER2-041-528U3M/C-L	USB3.0	720 × 540	528.5	1/2.9" Sony IMX287 global shutter CMOS	6.9	8/10/12	Mono/Color	C/CS
MER2-160-227U3M/C-L	USB3.0	1440 × 1080	227	1/2.9" Sony IMX273 global shutter CMOS	3.45	8/10	Mono/Color	C/CS
MER2-230-168U3M/C-L	USB3.0	1920 × 1200	168	1/1.2" Sony IMX174 global shutter CMOS	5.86	8/10	Mono/Color	C/CS
MER2-231-41U3M/C-L	USB3.0	1920 × 1200	41	1/1.2" Sony IMX249 global shutter CMOS	5.86	8/10/12	Mono/Color	C/CS
MER2-240-159U3M/C-L	USB3.0	2048×1200	159.4	1/1.7" Gpixel GMAX4002 global shutter CMOS	4.0	8/10/12	Mono/Color	C/CS
MER2-280-139U3M/C-L	USB3.0	1936×1464	139.2	2/3" Sony IMX421 global shutter CMOS	4.5	8/10/12	Mono/Color	C/CS
MER2-301-125U3M/C-L	USB3.0	2048 × 1536	125	1/1.8" Sony IMX252 global shutter CMOS	3.45	8/10	Mono/Color	C/CS
MER2-302-56U3M/C-L	USB3.0	2048 × 1536	56	1/1.8" Sony IMX265 global shutter CMOS	3.45	8/10	Mono/Color	C/CS
MER2-502-79U3M/C-L	USB3.0	2448 × 2048	79.1	2/3" Sony IMX250 global shutter CMOS	3.45	8/10	Mono/Color	C/CS
MER2-503-36U3M/C-L	USB3.0	2448 × 2048	36	2/3" Sony IMX264 global shutter CMOS	3.45	8/10	Mono/Color	C/CS
MER2-630-60U3M/C-L	USB3.0	3088 × 2064	60	1/1.8" Sony IMX178 rolling shutter CMOS	2.4	8/10	Mono/Color	C/CS
MER2-1220-32U3M/C-L	USB3.0	4024 × 3036	32.3	1/1.7" Sony IMX226 rolling shutter CMOS	1.85	8/12	Mono/Color	C/CS
MER2-2000-19 U3M/C-L	USB3.0	5496 × 3672	19.6	1" Sony IMX183 rolling shutter CMOS	2.4	8/12	Mono/Color	C/CS

Mechanical Specifications

Weight	61g
Dimensions	29(W) × 29(H) × 29(L) mm

Environmental Specifications

Operating temp.	0°C ~ +45°C
Operating humidity	10% ~ 80%
Storage temp.	-20°C ~ +70°C

Electrical Specifications

Power requirement	5 VDC (USB3.0)
I/Os	NULL
Data interface	USB3.0 with locked
Power consumption	<2.7W@5VDC

Optical Specifications

Lens mount	C / CS Mount
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ME2P-G-P

Model	Interface	Resolution (H×V)	Frame Rate (fps)	Sensor	Pixel Size (μm)	Pixel Bit Depth (bits)	Mono/ Color	Lens mount
ME2P-560-21GM/C-P	GigE PoE	2600 × 2160	21	1/2" GMAX2505 global shutter CMOS	2.5	8/12	Mono/Color	C/CS
ME2P-900-13GM/C-P	GigE PoE	4200 × 2160	13	2/3" GMAX2509 global shutter CMOS	2.5	8/12	Mono/Color	C/CS
ME2P-1230-9GM/C-P	GigE PoE	4096 × 3000	9	1.1" Sony IMX304 global shutter CMOS	3.45	8/12	Mono/Color	C/CS
ME2P-1840-6GM/C-P	GigE PoE	4058 × 4096	6.4	1" GMAX2518 global shutter CMOS	2.5	8/12	Mono/Color	C/CS
ME2P-2621-4GM/C-P	GigE PoE	5120 × 5120	4.5	1.1" GMAX0505 global shutter CMOS	2.5	8/12	Mono/Color	C/CS

Mechanical Specifications

Weight	75g
Dimensions	36(W) × 31(H) × 50.6(L) mm

Environmental Specifications

Operating temp.	0°C ~ +45°C
Operating humidity	10% ~ 80%
Storage temp.	-20°C ~ +70°C

Electrical Specifications

Power requirement	12-24 VDC (8-PIN connector) or PoE
I/Os	Opto-isolated 1 input/1 output, 2 GPIOs
Data interface	RJ45 with locked
Power consumption*	< 4W @ 24VDC; < 4.25W @ PoE

Optical Specifications

Lens mount	C / CS Mount
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*Each model has different data, please refer to the latest datasheet or user manual for more detailed information.

ME2P-U3

Model	Interface	Resolution (H×V)	Frame Rate (fps)	Sensor	Pixel Size (μm)	Pixel Bit Depth (bits)	Mono/ Color	Lens mount
ME2P-170-210U3M/C	USB3.0	1608 × 1104	210.8	1.1" Sony IMX425 global shutter CMOS	9	8/10/12	Mono/Color	C/CS
ME2P-530-72U3C	USB3.0	2592×2048	72.4	1" Onsemi PYTHON 5000 global shutter CMOS	4.8	8/10	Color	C/CS
ME2P-530-72U3M NIR	USB3.0	2592×2048	72.4	1" Onsemi PYTHON 5000 global shutter CMOS	4.8	8/10	Mono, NIR	C/CS
ME2P-900-43U3M/C	USB3.0	4200 × 2160	43.5	2/3" GMAX2509 global shutter CMOS	2.5	8/12	Mono/Color	C/CS
ME2P-1230-23U3M/C	USB3.0	4096 × 3000	23.5	1.1" Sony IMX304 global shutter CMOS	3.45	8/10/12	Mono/Color	C/CS
ME2P-1231-32U3M/C	USB3.0	4096 × 3000	32.1	1.1" Sony IMX253 global shutter CMOS	3.45	8/10	Mono/Color	C/CS
ME2P-1840-21U3M/C	USB3.0	4504 × 4096	21.4	1" GMAX2518 global shutter CMOS	2.5	8/12	Mono/Color	C/CS
ME2P-2621-15U3M/C	USB3.0	5120 × 5120	15.1	1.1" GMAX0505 global shutter CMOS	2.5	8/12	Mono/Color	C/CS
ME2P-2621-15U3M NIR	USB3.0	5120 × 5120	15.1	1.1" GMAX0505 global shutter CMOS	2.5	8/12	Mono, NIR	C/CS

Mechanical Specifications

Weight	66g
Dimensions	36(W) × 31(H) × 38.8(L) mm

Electrical Specifications

Power requirement	5VDC (USB3.0)
I/Os	Opto-isolated 1 input/1 output, 2 GPIOs
Data interface	USB3.0 with locked
Power consumption*	<3.5W@5VDC

Environmental Specifications

Operating temp.	0°C ~ +45°C
Operating humidity	10% ~ 80%
Storage temp.	-20°C ~ +70°C

Optical Specifications

Lens mount	C / CS Mount
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*Each model has different data, please refer to the latest datasheet or user manual for more detailed information

ME2S-G-P

Model	Interface	Resolution (H×V)	Frame Rate (fps)	Sensor	Pixel Size (μm)	Pixel Bit Depth (bits)	Mono/ Color	Lens mount
ME2S-1260-9GM/C-P	GigE PoE	4096×3072	9.35	1" ON XGS12000 global shutter CMOS	3.2	8/12	Mono/Color	C

Mechanical Specifications

Weight	67g
Dimensions	29(W) × 29(H) × 50.6(L) mm

Environmental Specifications

Operating temp.	0°C ~ +45°C
Operating humidity	10%~80%
Storage temp.	-20°C~+70°C

Electrical Specifications

Power requirement	12~24 VDC (6-PIN I/O connector) or PoE
I/Os	6-PIN, Opto-isolated 1 input/1 output, 1 GPIO
Data interface	RJ45 with locked
Power consumption*	<4.1W@24VDC, <4.5W@PoE

Optical Specifications

Lens mount	C Mount
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ME2S-U3

Model	Interface	Resolution (H×V)	Frame Rate (fps)	Sensor	Pixel Size (μm)	Pixel Bit Depth (bits)	Mono/ Color	Lens mount
ME2S-560-70U3M/C	USB3.0	2600×2160	70.3	1/2" Gpixel GMAX2505 global shutter CMOS	2.5	8/12	Mono/Color	C
ME2S-1260-28U3M/C	USB3.0	4096×3072	28	1" ON XGS12000 global shutter CMOS	3.2	8/12	Mono/Color	C
ME2S-1610-24U3M/C	USB3.0	5320×3032	24.4	1.1" Sony IMX542 global shutter CMOS	2.74	8/10/12	Mono/Color	C
ME2S-2020-19U3M/C	USB3.0	4504×4504	19.4	1.1" Sony IMX541 global shutter CMOS	2.74	8/10/12	Mono/Color	C
ME2S-2440-16U3M/C	USB3.0	5328×4608	16.1	1.2" Sony IMX540 global shutter CMOS	2.74	8/10/12	Mono/Color	C

Mechanical Specifications

Weight	60g
Dimensions	29(W) × 29(H) × 38.8(L) mm

Environmental Specifications

Operating temp.	0°C ~ +45°C
Operating humidity	10% ~ 80%
Storage temp.	-20°C ~ +70°C

Electrical Specifications

Power requirement*	5 VDC (USB3.0); 12~24 VDC (6-PIN connector)
I/Os	Opto-isolated 1 input/1 output, 1 GPIO
Data interface	USB3.0 with locked
Power consumption*	<4.3W@5VDC

Optical Specifications

Lens mount	C Mount
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*Each model has different data, please refer to the latest datasheet or user manual for more detailed information

MARS Series



The MARS series camera is DAHENG IMAGING's latest high resolution camera with large and high quality sensor. Thanks to the compact size, robust housing and locking screw connectors, the MARS series can secure the reliability of cameras deployed in harsh industrial environments.

The MARS series camera is featured in high resolution, high definition and low noise. The MARS series is especially designed for industrial inspection, rail traffic, scientific research and 3D reconstruction and so on.

- USB3.0, GigE, 5GigE, 10GigE and CoaXPress interfaces are optional
- Four acquisition controls: Single frame acquisition / Continuous acquisition / Software trigger acquisition / External trigger acquisition
- Decimation, Binning, Reverse X/Y, Digital Shift and Black Level
- Adjustable Gamma and Sharpness for optimizing the brightness and sharpness of images
- Defect Pixel Correction and Flat Field Correction
- Support Remove Parameter Limit to expand the range of exposure, gain, white balance, and so on
- 16KB data storage area for saving algorithm coefficients and parameter configuration
- Support a variety of 3rd-party software such as HALCON, MERLIC and LabVIEW
- Optimized software package for 32/64bit Windows, and support Linux, ARMv7, ARMv8 and Mac OS

*There are differences between different models, please refer to the datasheet or manual for more details.

MARS-G-P

Model	Interface	Resolution (H×V)	Frame Rate (fps)	Sensor	Pixel Size (μm)	Pixel Bit Depth (bits)	Mono/ Color	Lens mount
MARS-033-262GM-P-TN-SWIR Fo2	GigE PoE	640×512	262.1	1/4" Sony IMX991 global shutter CMOS	5	8/10/12	Mono, SWIR	C
MARS-138-95GM-P-TN-SWIR Fo2	GigE PoE	1280×1024	89.7	1/2" Sony IMX990 global shutter CMOS	5	8/10/12	Mono, SWIR	C
MARS-3140-3GM/C-P-M02	GigE PoE	6464 × 4852	3.4	1.8" Sony IMX342 global shutter CMOS	3.45	8/12	Mono/Color	F
MARS-3140-3GM/C-P-M03	GigE PoE	6464 × 4852	3.4	1.8" Sony IMX342 global shutter CMOS	3.45	8/12	Mono/Color	M42×1

Mechanical Specifications

Weight*	292~407g
Dimensions*	MARS-3140: 62(W) × 62(H) × 52.1(L) mm MARS-033 / MARS-138: 58(W) × 58(H) × 75.5(L) mm

Environmental Specifications

Operating temp.	0°C ~ +45°C
Operating humidity	10% ~ 80%
Storage temp.	-20°C ~ +70°C

Electrical Specifications

Power requirement	12~24 VDC (12-PIN connector) or PoE
I/Os*	Opto-isolated 1 input/1 output, 1 or 2 GPIOs
Data interface	RJ45 with locked
Power consumption	MARS-033/MARS-138: 13W @ Max. cooling MARS-3140-3GM/C-P : < 5.5W @ 12VDC; < 6W @ PoE

Optical Specifications

Lens mount	C / F / M42×1
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MARS-U3

Model	Interface	Resolution (H×V)	Frame Rate (fps)	Sensor	Pixel Size (μm)	Pixel Bit Depth (bits)	Mono/ Color	Lens mount
MARS-3250-12U3M/C	USB3.0	6576×4940	12.1	APS-C XGS 32000 global shutter CMOS	3.2	8/12	Mono/Color	M42/F
MARS-4470-8U3M/C	USB3.0	8192×5460	8.8	Super 35mm XGS 45000 global shutter CMOS	3.2	8/12	Mono/Color	M42/F

Mechanical Specifications

Weight	308g
Dimensions	62(W)×62(H)×53.77(L) mm

Environmental Specifications

Operating temp.	0°C ~ +45°C
Operating humidity	10% ~ 80%
Storage temp.	-20°C ~ +70°C

Electrical Specifications

Power requirement	12~24 VDC (12-PIN connector)
I/Os	Opto-isolated 1 input/1 output, 2 GPIOs
Data interface	USB3.0 with locked
Power consumption	5.6W@24VDC

Optical Specifications

Lens mount	F / M42 Mount
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MARS-G5-P

Model	Interface	Resolution (H×V)	Frame Rate (fps)	Sensor	Pixel Size (μm)	Pixel Bit Depth	Mono/ Color	Lens mount
MARS-1231-46G5M/C-P	5GigE	4096 × 3000	47	1.1" Sony IMX253 global shutter CMOS	3.45	8/10bits	Mono/ Color	C

Mechanical Specifications

Weight	305g
Dimensions	62(W) × 62(H) × 53.2(L) mm

Environmental Specifications

Operating temp.	0°C ~ +45°C
Operating humidity	10% ~ 80%
Storage temp.	-20°C ~ +70°C

Electrical Specifications

Power requirement	12~24 VDC (12-PIN connector) or PoE
I/Os	Opto-isolated 1 input/1 output, 2 GPIOs
Data interface	RJ45 with locked
Power consumption	<9W@12VDC; <10.5W@PoE

Optical Specifications

Lens mount	C Mount
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MARS-GT

Model	Interface	Resolution (H×V)	Frame Rate (fps)	Sensor	Pixel Size (μm)	Pixel Bit Depth (bits)	Mono/ Color	Lens mount
MARS-170-662GTM/C*	10GigE	1600×1104	662	1.1" Sony IMX425 global shutter CMOS	9.0	8/10/12	Mono/Color	C
MARS-280-409GTM/C*	10GigE	1936×1464	409.2	2/3" Sony IMX421 global shutter CMOS	4.5	8/10/12	Mono/Color	C
MARS-321-173GTM-TN-SWIR F02*	10GigE	2080 × 1544	173.4	1/1.8" Sony IMX993 global shutter CMOS	3.45	10/12	Mono, SWIR	C
MARS-533-134GTM-TN-SWIR F02*	10GigE	2592 × 2056	134.3	1/1.4" Sony IMX992 global shutter CMOS	3.45	10/12	Mono, SWIR	C
MARS-561-207GTM/C	10GigE	2592 × 2160	207.77	1/2" Gpixel GMAX2505 global shutter CMOS	2.5	8/10	Mono/Color	C
MARS-900-120GTM/C	10GigE	4192 × 2160	120.36	2/3" Gpixel GMAX2509 global shutter CMOS	2.5	8/12	Mono/Color	C
MARS-1261-90GTM/C	10GigE	4096 × 3072	89.9	1" ON XGS12000 global shutter CMOS	3.2	8/12	Mono/Color	C
MARS-1610-52GTM/C	10GigE	5328 × 3040	52	1.1" Sony IMX542 global shutter CMOS	2.74	8/10/12	Mono/Color	C
MARS-1840-63GTM/C	10GigE	4496 × 4096	63.78	1" Gpixel GMAX2518 global shutter CMOS	2.5	8/12	Mono/Color	C
MARS-2020-38GTM/C	10GigE	4512 × 4512	38.3	1.1" Sony IMX541 global shutter CMOS	2.74	8/10/12	Mono/Color	C
MARS-2440-35GTM/C	10GigE	5328 × 4608	35	1.2" Sony IMX540 global shutter CMOS	2.74	8/10/12	Mono/Color	C
MARS-2621-42GTM/C	10GigE	5120 × 5120	41.8	1.1" Gpixel GMAX0505 global shutter CMOS	2.5	8/12	Mono/Color	C
MARS-2621-42GTM-NIR	10GigE	5120 × 5120	41.8	1.1" Gpixel GMAX0505 global shutter CMOS	2.5	8/12	Mono, NIR	C
MARS-5000-24GTM/C(-NF)	10GigE	7008 × 7000	24.7	2" Gpixel GMAX3249 global Shutter CMOS	3.2	8/12	Mono/Color	M58-D1/F
MARS-6500-18GTM/C(-NF)	10GigE	9344 × 7000	17.73	2.3" Gpixel GMAX3265 global shutter CMOS	3.2	8/12	Mono/Color	M58-D1/F

*Pre-Release

Electrical Specifications	
Power requirement	12~24 VDC (12-PIN connector)
I/Os*	Opto-isolated 1 input/1 output, 1 GPIO
Data interface	RJ45 with locked
Power consumption	< 12.7W@24VDC

Optical Specifications	
Lens mount	C / F / M58 / M58-D1 mount

Mechanical Specifications	
Weight*	<540g
Dimensions	60(W) × 60(H) × 54(L) mm

Environmental Specifications	
Operating temp.	0°C ~ +50°C
Operating humidity	10% ~ 80%
Storage temp.	-20°C ~ +70°C

*Each model has different data, please refer to the latest datasheet or user manual for more detailed information

MARS-X2									
Model	Interface	Resolution (H×V)	Frame Rate (fps)	Sensor	Pixel Size (μm)	Pixel Bit Depth (bits)	Mono/ Color	Cooling Method	Lens mount
MARS-513-940X2M/C-NF*	CXP-12×4	2560×2016	940	29.5 mm Customize Global shutter CMOS	9	8/12	Mono/Colo	Fan	M58
MARS-2100-230X2M/C-NF	CXP-12×4	5120×4096	226.91	29.5 mm Gpixel GSPRINT4521 21MP Global shutter CMOS	4.5	8/10/12	Mono/Color	Fan	M58
MARS-2101-230X2M/C-NF	CXP-12×4	5120×4096	226.91	29.5 mm Gpixel GSPRINT4521 21MP Global shutter CMOS	4.5	8/10/12	Mono/Color	Fan	M58
MARS-2625-150X2M/C(-NF)	CXP-12×4	5120×5120	150.1	12.8mm×12.8mm Gpixel GMAX0505 25MP Global shutter CMOS	2.5	8/10	Mono/Color	Fan optional	M58/C
MARS-2626-150X2M/C(-NF)	CXP-12×4	5120×5120	150.1	12.8mm×12.8mm Gpixel GMAX0505 25MP Global shutter CMOS	2.5	8/10	Mono/Color	Fan optional	M58/C
MARS-6500-31X2M/C-TF	CXP-12×4	9344×7000	31.6	29.9mm×22.4mm Gpixel GMAX3265 65MP Global shutter CMOS	3.2	8/12	Mono/Color	TEC+Fan	M58
MARS-6501-31X2M/C-TF	CXP-12×4	9344×7000	31.6	29.9mm×22.4mm Gpixel GMAX3265 65MP Global shutter CMOS	3.2	8/12	Mono/Color	TEC+Fan	M58
MARS-6502-71X2M/C(-NF)	CXP-12×4	9344×7000	71.1	29.9mm×22.4mm Gpixel GMAX3265 65MP Global shutter CMOS	3.2	8/10	Mono/Color	Fan optional	M58
MARS-6503-71X2M/C(-NF)	CXP-12×4	9344×7000	71.1	29.9mm×22.4mm Gpixel GMAX3265 65MP Global shutter CMOS	3.2	8/10	Mono/Color	Fan optional	M58
MARS-10300-24X2M/C-TF	CXP-12×4	11264×9200	24	36.1mm×29.4mm Gpixel GMAX32103 103MP Global shutter CMOS	3.2	8/12	Mono/Color	TEC+Fan	M72/F
MARS-15200-16X2M/C-TF	CXP-12×4	16544×9200	16.3	53.0mm × 29.4mm Gpixel GMAX32152 Global shutter CMOS	3.2	8/12	Mono/Color	TEC+Fan	M72/F
MARS-24600-12X2M/C-TF*	CXP-12×4	19200 × 12800	12.4	54.0mm × 36.0mm Sony IMX811 246MP Rolling shutter CMOS	2.81	8/12/14/16	Mono/Color	TEC+Fan	M72

*Pre-Release

Mechanical Specifications	
Weight	459 ~ 1610g
Dimensions*	74(W) × 74(H) × 70.2(L) mm
Environmental Specifications	
Operating temp.	0°C ~ +45°C
Operating humidity	10%~80%
Storage temp.	-20°C ~ +70°C

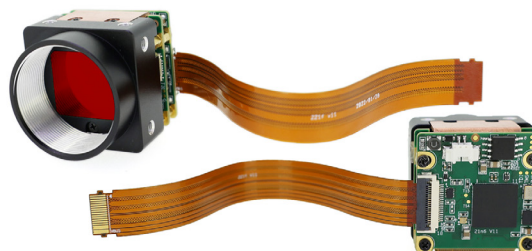
Electrical Specifications	
Power requirement	24 VDC or PoCXP
I/Os	Opto-isolated 1 input/1 output, 1 GPIO, 1 RS232
Data interface	CXP-12 × 4 (HDBNC)
Power consumption*	< 15W @ 24V
Optical Specifications	
Lens mount	C / M58 / M72 / F

*Each model has different data, please refer to the latest datasheet or user manual for more detailed information

VENUS Series



All-in-one USB3.0 (Micro B) cameras



All-in-one USB3.0 (horizontal FPC) cameras



The VENUS series camera is DAHENG IMAGING's board level camera, providing an excellent choice for users with minimal space, low weight, low power consumption and low heat. In order to facilitate embedded visual applications, some of the VENUS models are connected with FPC cables. VEN-U3 series is more flexible for installment and suitable for more applications.

- Four acquisition controls: Single frame acquisition / Continuous acquisition/ Software trigger acquisition/ External trigger acquisition
- Support Decimation, Binning, Reverse X/Y, Digital Shift and Black Level
- Adjustable Gamma for optimizing the brightness
- Light source preset, Color Transformation Control, Saturation and Noise Reduction
- LUTs, storable user sets, Timer and Counter
- 16KB data storage area for saving algorithm coefficients and parameter configuration
- Support third-party software such as HALCON, MERLIC and LabVIEW
- Optimized software package for 32/64bit Windows, and support Linux, Android, ARMv7, ARMv8
- Regulations: CE, RoHS, GenICam, GigE Vision, USB Vision

*Each model has different functions, please refer to the datasheet for more detailed information.

VEN-U3

Model	Interface	Resolution (H×V)	Frame Rate(fps)	Sensor	Pixel Size (μm)	Pixel Bit Depth(bits)	Mono/ Color	Lens mount
VEN-042-121U3M/C	USB3.0(Micro B)	720×540	121.8	1/2.9" Sony IMX297 global shutter CMOS	6.9	8/10	Mono/ Color	C/CS/S/No-mount
VEN-161-61U3M/C	USB3.0 (Micro B)	1440 × 1080	61.2	1/2.9" Sony IMX296 global shutter CMOS	3.45	8/10	Mono/ Color	C/CS/S/No-mount
VEN-505-36U3M/C	USB3.0 (Micro B)	2592 × 1944	36.9	1/2.8" Sony IMX335 rolling shutter CMOS	2.0	8/10	Mono/ Color	C/CS/S/No-mount
VEN-830-22U3M/C	USB3.0 (Micro B)	3840 × 2160	22	1/1.8" Sony IMX334 rolling shutter CMOS	2.0	8/10	Mono/ Color	C/CS/S/No-mount
VEN-160-227U3M/C-FPC	USB3.0 (horizontal FPC)	1440 × 1080	227	1/2.9" Sony IMX273 global shutter CMOS	3.45	8/10	Mono/ Color	C/S
VEN-230-168U3M/C-FPC	USB3.0 (horizontal FPC)	1920 × 1200	168	1/1.2" Sony IMX174 global shutter CMOS	5.68	8/10	Mono/ Color	C
VEN-301-125U3M/C-FPC	USB3.0 (horizontal FPC)	2048 × 1536	125	1/1.8" Sony IMX252 global shutter CMOS	3.45	8/10	Mono/ Color	C
VEN-1220-32U3M/C-FPC	USB3.0 (horizontal FPC)	4024 × 3036	32	1/1.7" Sony IMX226 rolling shutter CMOS	1.85	8/10	Mono/ Color	C/S

Electrical Specifications

Power requirement	5VDC(USB3.0)
Data interface	USB3.0 (Micro B or FPC connector)
I/Os	All-in-one USB3.0 Micro B cameras: 1 input, 1 GPIO All-in-one USB3.0 horizontal FPC cameras: 1 GPIO
Power consumption	<2.7W@5VDC

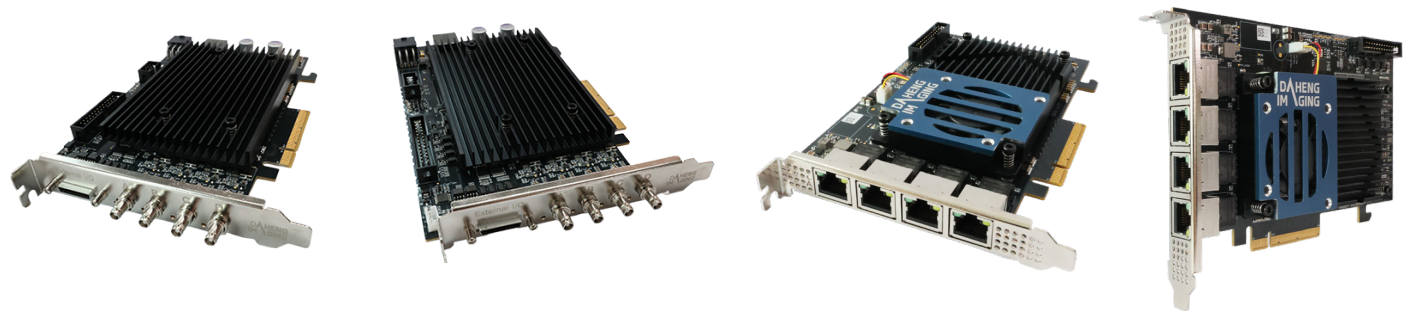
Environmental Specifications

Operating temp.	0°C ~ +45°C
Operating humidity	10% ~ 80%
Storage temp.	-20°C ~ +70°C

Optical Specifications

Lens mount	C / CS / S / No-mount
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POLARIS Frame Grabber



POLARIS frame grabber is based on the industry standard PCIe Gen3 bus and can connect up to 4 cameras at the same time, which can realize high-speed image acquisition and data transmission.

Model	Camera Interface	Connectors	Maximum aggregated bandwidth	Number of Cameras	Bus Interface	Power Consumption	Memory
POLS-C12-4T-G38	CoaXPress 1.0/2.0	4×HD-BNC	12.5Gbps×4	4	PCIe Gen3×8	19W	4GB DDR4 SDRAM
POLS-DE-4T-G38	10GigE	4×RJ45	10Gbps×4	4	PCIe Gen3×8	28W	4GB DDR4 SDRAM

LENS

- Designed for machine vision applications
- High optical performance, 6~50mm focal length is optional
- Low distortion
- 6~25 megapixels
- Compact and light weight
- Easy installation
- 1/1.8"~1.2" sensor size, suitable for most industrial cameras on market



HN-P-6M

Model	Sensor Size	Focal Length(mm)	F/No.	Angle of View(H×V°)	Distortion (%)	Working Distance	Filter Thread(mm)	Mount	Dimensions(D×L) (mm)
HN-P-0628-6M-C1/1.8	1/1.8"	6	F2.8-F16	62.5 × 44.47	±0.81	0.1m-∞	M37.5×0.5	C	Φ39.0 × 32.5
HN-P-0828-6M-C1/1.8	1/1.8"	8	F2.8-F16	48.58 × 33.84	±0.2	0.1m-∞	M30.5×0.5	C	Φ33.0 × 37.47
HN-P-1228-6M-C1/1.8	1/1.8"	12	F2.8-F16	33.46 × 22.88	±0.1	0.1m-∞	M27×0.5	C	Φ33.0 × 40.25
HN-P-1628-6M-C1/1.8	1/1.8"	16	F2.8-F16	25.81 × 17.53	±0.1	0.1m-∞	M27×0.5	C	Φ33.0 × 31.9
HN-P-2528-6M-C1/1.8	1/1.8"	25	F2.8-F16	18.45 × 12.45	±0.5	0.2m-∞	M27×0.5	C	Φ33.0 × 30.22
HN-P-3528-6M-C1/1.8	1/1.8"	35	F2.8-F16	10.51×7.88	-0.085	0.2m-∞	M27×0.5	C	Φ29.0 × 30.89
HN-P-5028-6M-C1/1.8	1/1.8"	50	F2.8-F16	7.84 × 5.24	±0.3	0.25m-∞	M30.5×0.5	C	Φ37.0 × 51.7
HN-P-0828-6M-C2/3	2/3"	8	F2.8-F16	56.02 × 43.72	0.89	0.1m-∞	M30.5×0.5	C	Φ33.0 × 34.5
HN-P-1228-6M-C2/3	2/3"	12	F2.8-F16	39.00 × 29.92	0.51	0.1m-∞	M30.5×0.5	C	Φ33.0 × 41.2
HN-P-1628-6M-C2/3	2/3"	16	F2.8-F16	30.32 × 23.00	0.34	0.1m-∞	M30.5×0.5	C	Φ33.0 × 33.2
HN-P-2528-6M-C2/3	2/3"	25	F2.8-F16	20.40 × 15.50	0.2	0.2m-∞	M30.5×0.5	C	Φ33.0 × 31.2
HN-P-3528-6M-C2/3	2/3"	35	F2.8-F16	12.75 × 9.59	-0.04	0.2m-∞	M30.5×0.5	C	Φ33.0 × 37.2

HN-P-10M

Model	Sensor Size	Focal Length(mm)	F/No.	Angle of View (H×V°)	Distortion(%)	Working Distance	Filter Thread(mm)	Mount	Dimensions(D×L) (mm)
HN-P-0824-10M-C2/3	2/3"	8	F2.4-F16	57.5 × 44.9	±0.73	0.1m-∞	M37×0.5	C	Φ38.0 × 47.0
HN-P-1220-10M-C2/3	2/3"	12	F2-F16	39.3 × 30	±0.19	0.1m-∞	M28×0.5	C	Φ34.0 × 47.9
HN-P-1618-10M-C2/3	2/3"	16	F1.8-F14	29.8 × 22.6	±0.13	0.1m-∞	M27×0.5	C	Φ32.0 × 44.7
HN-P-2518-10M-C2/3	2/3"	25	F1.8-F16	18.3 × 13.8	±0.05	0.15m-∞	M27×0.5	C	Φ32.0 × 34.1
HN-P-3520-10M-C2/3	2/3"	35	F2-F16	12.9 × 9.7	±0.04	0.2m-∞	M30.5×0.5	C	Φ37.5 × 43.2
HN-P-5028-10M-C2/3	2/3"	50	F2.8-F16	8.7 × 6.5	±0.01	0.3m-∞	M30.5×0.5	C	Φ35.5 × 52.7

HN-P-20M

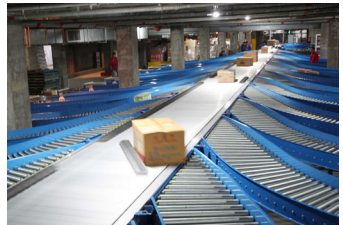
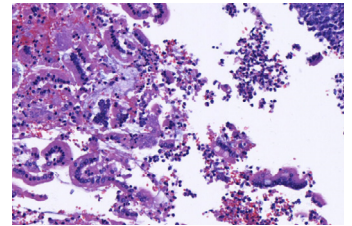
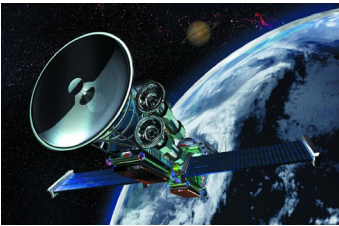
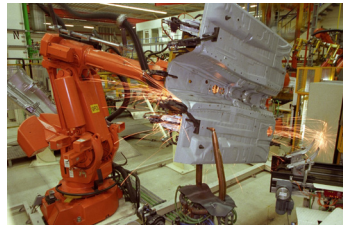
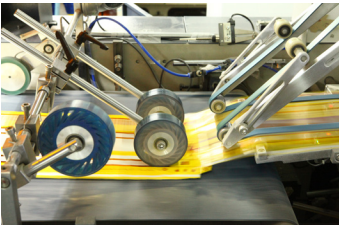
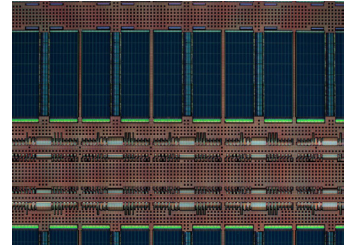
Model	Sensor Size	Focal Length(mm)	F/No.	Angle of View (H×V°)	Distortion(%)	Focusing Range	Filter Thread(mm)	Mount	Dimensions(D×L) (mm)
HN-P-1224-20M-C1.1/1	1.1"	12	F2.4-F16	60.75 × 46.52	0.07	0.1m-∞	-	C	Φ50 × 66.96
HN-P-1624-20M-C1.1/1	1.1"	16	F2.4-F16	47.47 × 35.66	-0.09	0.1m-∞	M40.5×0.5	C	Φ42.5 × 59.76
HN-P-2524-20M-C1.1/1	1.1"	25	F2.4-F16	30.47 × 22.53	-0.08	0.15m-∞	M37×0.5	C	Φ40.0 × 58.44
HN-P-3524-20M-C1.1/1	1.1"	35	F2.4-F16	21.82 × 16.06	0.016	0.15m-∞	M40.5×0.5	C	Φ42.0 × 59.32
HN-P-5024-20M-C1.1/1	1.1"	50	F2.4-F16	15.18 × 11.14	0.014	0.25m-∞	M40.5×0.5	C	Φ42.0 × 61.16

HN-P-25M

Model	Sensor Size	Focal Length(mm)	F/No.	Angle of View (H×V°)	Distortion(%)	Focusing Range	Filter Thread(mm)	Mount	Dimensions(D×L) (mm)
HN-P-1224-25M-C1.2/1	1.2"	12	F2.4-F16	62.33 × 55.33	0.39	0.1m-∞	-	C	Φ50.00 × 66.96
HN-P-1624-25M-C1.2/1	1.2"	16	F2.4-F16	48.83 × 42.86	0.07	0.1m-∞	M40.5×0.5	C	Φ42.50 × 59.76
HN-P-2524-25M-C1.2/1	1.2"	25	F2.4-F16	31.42 × 27.32	-0.04	0.15m-∞	M37×0.5	C	Φ40.00 × 58.44
HN-P-3524-25M-C1.2/1	1.2"	35	F2.4-F16	22.51 × 19.53	0.015	0.15m-∞	M40.5×0.5	C	Φ42.0 × 59.32
HN-P-5024-25M-C1.2/1	1.2"	50	F2.4-F16	15.66 × 13.57	0.011	0.25m-∞	M40.5×0.5	C	Φ42.00 × 61.16

Applications

Dedicated to Machine Vision





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