

iRAYPLE

MACHINE VISION

Turning Vision Into Productivity



Zhejiang HuaRay Technology Co., Ltd.





COMPANY INTRODUCTION

Zhejiang HuaRay Technology Co., Ltd. is a company dedicated in research & development, manufacturing, and sales & marketing of machine vision and autonomous mobile robot (AMR) products. With focus in smart manufacturing technologies and logistics innovation, we are committed to creating and delivering value for our customers by enabling a smart factory transformation.

As a national high-tech enterprise, HuaRay aims to bring the latest technological innovations to our valuable customers. More than 60% of its employees are dedicated in R&D, and the company has filed over 300 patent applications. With its investment in R&D, HuaRay has developed deep know-how in its embedded software, image optimization, recognition algorithms, network transmission, navigation, positioning, scheduling, motion control, and other technical fields.

HuaRay's products and solutions are widely applied in various industries such as logistics, automotive, 3C, lithium battery, photovoltaic, semiconductor, pharmaceutical, and so on. Our machine vision products include industrial area scan cameras, line scan cameras, smart industrial cameras, vision sensors, 3D industrial cameras, and lenses. These products have been used for code recognition, OCR, vision measurement, positioning, defect detection, etc. In addition, our autonomous mobile robot (AMR) products include latent lift, towing, forklifts, and sorting robots are widely used for warehouses and material handling applications.

Utilizing its years of technical experience in AI, image optimization, recognition algorithms, and other technologies, HuaRay is committed to providing global customers with reliable products, solutions and related services in order to enable a smart factory transformation.

For more information, visit our official company website: <http://www.irayple.com/en>

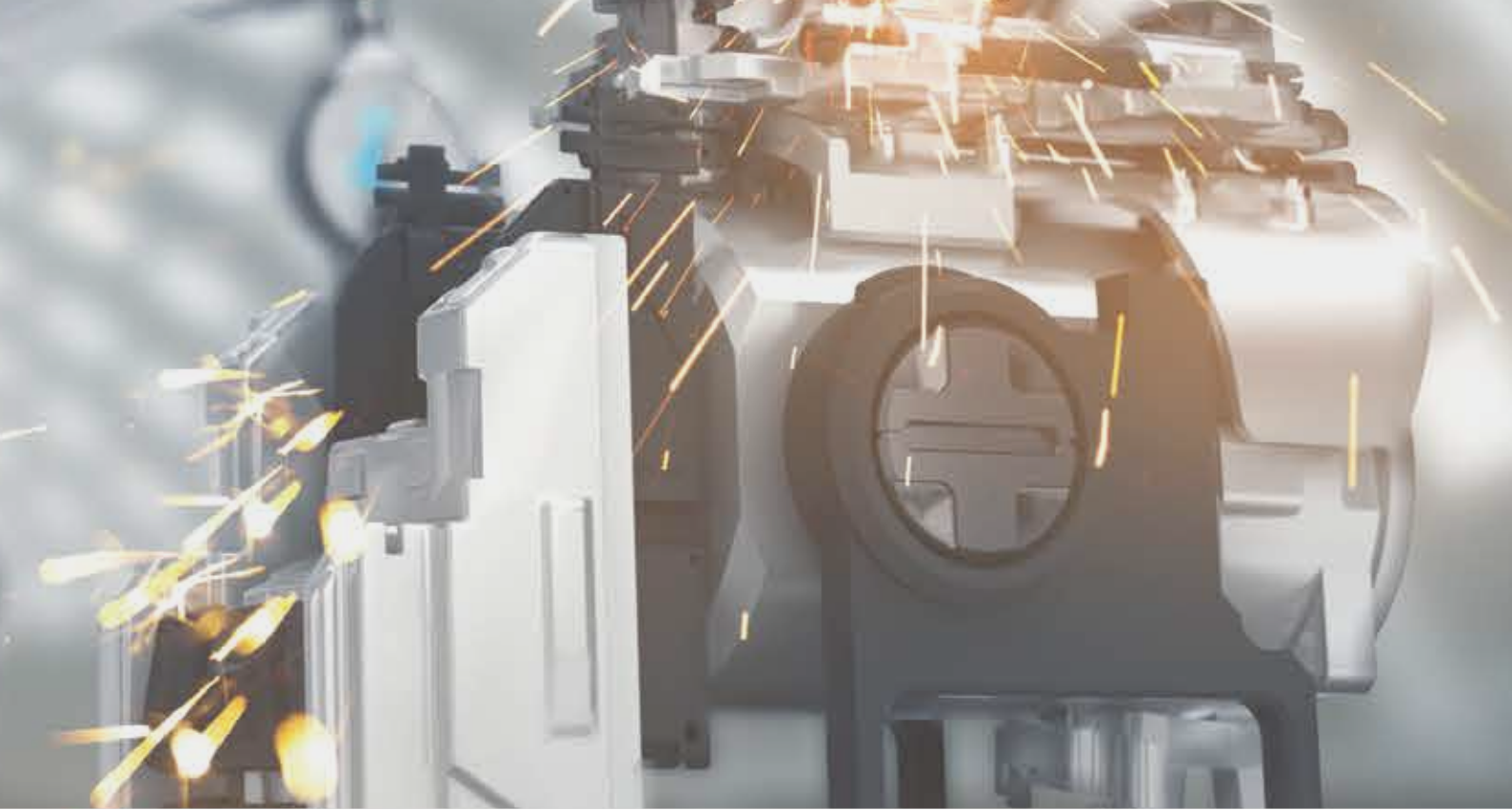




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3000 Series Area Scan Cameras

Superior cost efficiency



29mm × 29mm × 29mm



| Model | Resolution | FPS | Bit depth | Interface | Sensor | | | | | | Dimension (mm) | Recommended lens |
|---------------|------------|------|-----------|-----------|---------------|------|-----------------|--------|---------|------------|----------------|------------------|
| | | | | | Model | Type | Pixel size (μm) | Size | Shutter | Mono/Color | | |
| A3051MG100E | 800x600 | 120 | 10 | GigE | PYTHON480 | CMOS | 4.8x4.8 | 1/3.6" | Global | M | 29x29x29 | A9-6MP |
| A3051M/CG000E | 800x600 | 120 | 10 | GigE,POE | PYTHON480 | CMOS | 4.8x4.8 | 1/3.6" | Global | M/C | 29x29x42 | A9-6MP |
| A3135M/CG000E | 1280x960 | 30 | 14 | GigE,POE | RJ33J4/3CA0DT | CCD | 3.75x3.75 | 1/3" | Global | M/C | 29x29x42 | A9-6MP |
| A3124M/CG100E | 1280x960 | 54 | 12 | GigE | AR0135 | CMOS | 3.75x3.75 | 1/3" | Global | M/C | 29x29x29 | A9-6MP |
| A3131MG100E | 1280x1024 | 60 | 10 | GigE | PHYON1300 | CMOS | 4.8x4.8 | 1/2" | Global | M | 29x29x29 | A9-6MP |
| A3131M/CG000E | 1280x1024 | 60 | 10 | GigE,POE | PHYON1300 | CMOS | 4.8x4.8 | 1/2" | Global | M/C | 29x29x42 | A9-6MP |
| A3138M/CG000E | 1280x1024 | 86.5 | 10 | GigE,POE | SS | CMOS | 4.0x4.0 | 1/2.7" | Global | M/C | 29x29x42 | A9-6MP |
| A3200MG004E | 1920x1080 | 22 | 10 | GigE,POE | IMX290 | CMOS | 2.9x2.9 | 1/2.8" | Rolling | M | 29x29x42 | A9-6MP |
| A3200CG000E | 1920x1080 | 22 | 10 | GigE,POE | IMX290 | CMOS | 2.9x2.9 | 1/2.8" | Rolling | C | 29x29x42 | A9-6MP |
| A3504M/CG100E | 2592x1944 | 23 | 12 | GigE | ARO521 | CMOS | 2.2x2.2 | 1/2.5" | Rolling | M/C | 29x29x29 | A9-6MP |
| A3600MG100E | 3072x2048 | 18 | 12 | GigE | IMX178 | CMOS | 2.4x2.4 | 1/1.8" | Rolling | M | 29x29x29 | A9-6MP |
| A3600M/CG18E | 3072x2048 | 18 | 12 | GigE,POE | IMX178 | CMOS | 2.4x2.4 | 1/1.8" | Rolling | M/C | 29x29x42 | A9-6MP |
| A3A20M/CG8E | 4000x3000 | 9 | 12 | GigE,POE | IMX226 | CMOS | 1.85x1.85 | 1/1.7" | Rolling | M/C | 29x29x42 | A9-6MP |
| A3B00M/CG000E | 5472x3648 | 5.8 | 10 | GigE,POE | IMX183 | CMOS | 2.4x2.4 | 1" | Rolling | M/C | 29x29x42 | MH-X/MT-X |
| A3135M/CU000E | 1280x960 | 33 | 14 | USB3.0 | RJ33J4/3CA0DT | CCD | 3.75x3.75 | 1/3" | Global | M/C | 29x29x29 | A9-6MP |
| A3138M/CU000E | 1280x1024 | 201 | 10 | USB3.0 | SS | CMOS | 4.0x4.0 | 1/2.7" | Global | M/C | 29x29x29 | A9-6MP |
| A3200CU000E | 1920x1080 | 120 | 10 | USB3.0 | IMX290 | CMOS | 2.9x2.9 | 1/2.8" | Rolling | C | 29x29x29 | A9-6MP |
| A3600M/CU60E | 3072x2048 | 60 | 10 | USB3.0 | IMX178 | CMOS | 2.4x2.4 | 1/1.8" | Rolling | M/C | 29x29x29 | A9-6MP |
| A3A20M/CU24E | 4000x3000 | 30 | 10 | USB3.0 | IMX226 | CMOS | 1.85x1.85 | 1/1.7" | Rolling | M/C | 29x29x29 | A9-6MP |
| A3B00M/CU000E | 5472x3648 | 19.2 | 10 | USB3.0 | IMX183 | CMOS | 2.4x2.4 | 1" | Rolling | M/C | 29x29x29 | MH-X/MT-X |



29mm×29mm×42mm

- Support wide resolution range, covering 0.5MP~20MP
- Apply CMOS, CCD sensor. Support global/rolling shutter
- Support powerful ISP algorithms
- Support FPN, SPC
- Compatible with GigE Vision protocol, USB3.0 Vision protocol and GenICam standard
- Conform to CE, FCC and RoHS
- Superior cost efficiency



29mm×29mm×42mm



29mm×29mm×29mm

5000 Series Area Scan Cameras

Outstanding image quality



29mm × 29mm × 42mm



| Model | Resolution | FPS | Bit depth | Interface | Sensor | | | | | | Dimension (mm) | Recommended lens |
|----------------|------------|------|-----------|------------|------------|------|-----------------|--------|---------|------------|----------------|------------------|
| | | | | | Model | Type | Pixel size (μm) | Size | Shutter | Mono/Color | | |
| A5031M/CG300E | 640x480 | 300 | 10 | GigE,POE | PYTHON300 | CMOS | 4.8x4.8 | 1/4" | Global | M/C | 29x29x42 | A9-6M |
| A5051M/CG200E | 800x600 | 200 | 10 | GigE,POE | PYTHON500 | CMOS | 4.8x4.8 | 1/3.6" | Global | M/C | 29x29x42 | A9-6M |
| A5131M/CG75E | 1280x1024 | 90 | 10 | GigE,POE | PYTHON1300 | CMOS | 4.8x4.8 | 1/2" | Global | M/C | 29x29x42 | A9-6M |
| *A5200MG000E | 1624x1240 | 56 | 10 | GigE,POE | IMX430 | CMOS | 4.5x4.5 | 1/1.7" | Global | M | 29x29x42 | A9-6M |
| A5201M/CG50E | 1920x1200 | 50 | 10 | GigE,POE | PYTHON2000 | CMOS | 4.8x4.8 | 2/3" | Global | M/C | 29x29x42 | MK-M |
| A5501M/CG20E | 2592x2048 | 20 | 10 | GigE,POE | PYTHON5000 | CMOS | 4.8x4.8 | 1" | Global | M/C | 29x29x42 | MH-X |
| A5907MG200E | 2592x2048 | 13 | 12 | GigE,POE | GMAX2509 | CMOS | 2.5x2.5 | 2/3" | Global | M/C | 29x44x58 | MK-M |
| A5B57M/CG200E | 5120x5120 | 4 | 12 | GigE,POE | GMAX0505 | CMOS | 2.5x2.5 | 1.1" | Global | M/C | 29x44x58 | MT-X/MH-X |
| A5031M/CU815E | 640x480 | 815 | 10 | USB 3.0 | PYTHON300 | CMOS | 4.8x4.8 | 1/4" | Global | M/C | 29x29x29 | A9-6M |
| A5051M/CU545E | 800x600 | 545 | 10 | USB 3.0 | PYTHON500 | CMOS | 4.8x4.8 | 1/3.6" | Global | M/C | 29x29x29 | A9-6M |
| A5131MU001E | 1280x1024 | 90 | 10 | USB 3.0 | PYTHON1300 | CMOS | 4.8x4.8 | 1/2" | Global | M | 29x29x29 | A9-6M |
| A5131M/CU210E | 1280x1024 | 208 | 10 | USB 3.0 | PYTHON1300 | CMOS | 4.8x4.8 | 1/2" | Global | M/C | 29x29x29 | A9-6M |
| *A5200M/CU000E | 1624x1240 | 89 | 12 | USB 3.0 | IMX430 | CMOS | 4.5x4.5 | 1/1.7" | Global | M/C | 29x29x29 | A9-6M |
| A5201M/CU150E | 1920x1200 | 150 | 10 | USB 3.0 | PYTHON2000 | CMOS | 4.8x4.8 | 2/3" | Global | M/C | 29x29x29 | MK-M |
| A5501M/CU60E | 2592x2048 | 60 | 10 | USB 3.0 | PYTHON5000 | CMOS | 4.8x4.8 | 1" | Global | M/C | 29x29x29 | MH-X |
| A5B57M/CU200E | 5120x5120 | 14 | 12 | USB 3.0 | GMAX0505 | CMOS | 2.5x2.5 | 1.1" | Global | M/C | 29x44x58 | MH-X/MT-X |
| A5201M/CK402E | 1920x1200 | 37.8 | 10 | CameraLink | PYTHON2000 | CMOS | 4.8x4.8 | 2/3" | Global | M/C | 29x29x43.8 | MK-M |
| *A5B57MK2000E | 5120x5120 | 30 | 10 | CameraLink | GMAX0505 | CMOS | 2.5x2.5 | 1.1" | Global | M | 29x44x58 | MT-X |

Note: Models with Symbol "*" are latest-released products.



29mm×44mm×58mm

- Support wide resolution range, covering 0.3MP~25MP
- Apply CMOS sensor with global shutter and high frame rate
- Support powerful ISP algorithms
- Support FPN, SPC
- Support GigE Vision protocol, USB3.0 Vision protocol, CameraLink protocol and GenICam
- Conform to CE, FCC and RoHS
- Excellent image quality



29mm×29mm×42mm



29mm×29mm×29mm

7000 Series Area Scan Cameras

Extraordinary image quality and performance



29mm×29mm×42mm



| Model | Resolution | FPS | Bit depth | Interface | Sensor | | | | | | Dimension (mm) | Recommended lens |
|---------------|------------|------|-----------|------------|-----------|------|-----------------|--------|---------|------------|----------------|------------------|
| | | | | | Model | Type | Pixel Size (μm) | Size | Shutter | Mono/Color | | |
| A7040M/CG000E | 720x540 | 300 | 12 | GigE,POE | IMX287 | CMOS | 6.9x6.9 | 1/2.9" | Global | M/C | 29x29x42 | A9-6M |
| A7160M/CG000E | 1440x1080 | 77 | 12 | GigE,POE | IMX273 | CMOS | 3.45x3.45 | 1/2.9" | Global | M/C | 29x29x42 | A9-6M |
| A7170M/CG200E | 1604x1100 | 66 | 12 | GigE,POE | IMX432 | CMOS | 9.0x9.0 | 1.1" | Global | M/C | 29x44x58 | MH-X |
| A7200M/CG30E | 1920x1200 | 38.7 | 12 | GigE,POE | IMX249 | CMOS | 5.86x5.86 | 1/1.2" | Global | M/C | 29x29x42 | MH-X |
| A7300M/CG30E | 2048x1536 | 36 | 12 | GigE,POE | IMX265 | CMOS | 3.45x3.45 | 1/1.8" | Global | M/C | 29x29x42 | A9-6M |
| A7500M/CG20E | 2448x2048 | 23 | 12 | GigE,POE | IMX264 | CMOS | 3.45x3.45 | 2/3" | Global | M/C | 29x29x42 | MK-M |
| A7500PG400E | 2448x2048 | 24 | 12 | GigE,POE | IMX250MZR | CMOS | 3.45x3.45 | 2/3" | Global | P | 29x29x42 | MK-M |
| A7501M/CG010E | 2592x2048 | 21 | 12 | GigE,POE | XGS5000 | CMOS | 3.2x3.2 | 2/3" | Global | M/C | 29x29x42 | MK-M |
| A7710M/CG200E | 3208x2200 | 17 | 12 | GigE,POE | IMX428 | CMOS | 4.5x4.5 | 1.1" | Global | M/C | 29x44x58 | MH-X |
| A7801MG400E | 4096x2160 | 13 | 12 | GigE,POE | XGS8000 | CMOS | 3.2x3.2 | 1/1.1" | Global | M | 29x29x42 | MH-X/MT-X |
| A7900M/CG13E | 4096x2160 | 13 | 12 | GigE,POE | IMX267 | CMOS | 3.45x3.45 | 1" | Global | M/C | 29x44x58 | MH-X |
| A7A20M/CG9E | 4096x3000 | 9 | 12 | GigE,POE | IMX304 | CMOS | 3.45x3.45 | 1.1" | Global | M/C | 29x44x58 | MH-X |
| A7A21MG400E | 4096x3072 | 9 | 12 | GigE,POE | XGS12000 | CMOS | 3.2x3.2 | 1" | Global | M | 29x29x42 | MH-X/MT-X |
| A7A21M/CG200E | 4096x3072 | 9 | 12 | GigE,POE | XGS12000 | CMOS | 3.2x3.2 | 1" | Global | M | 29x44x58 | MH-X/MT-X |
| A7040M/CK402E | 720x540 | 349 | 10 | CameraLink | IMX287 | CMOS | 6.9x6.9 | 1/2.9" | Global | M/C | 29x29x43.8 | A9-6M |
| A7300MK200E | 2048x1536 | 188 | 10 | CameraLink | IMX252 | CMOS | 3.45x3.45 | 1/1.8" | Global | M | 29x44x58 | A9-6M |
| A7500M/CK200E | 2448x2048 | 150 | 10 | CameraLink | IMX250 | CMOS | 3.45x3.45 | 2/3" | Global | M/C | 29x44x58 | MK-M |
| A7500MK402E | 2448x2048 | 37.2 | 12 | CameraLink | IMX264 | CMOS | 3.45x3.45 | 2/3" | Global | M | 29x29x43.8 | MK-M |
| *A7900CK401E | 4096x2160 | 27 | 8 | CameraLink | IMX267 | CMOS | 3.45x3.45 | 1" | Global | c | 29x29x43.8 | MH-X/MT-X |
| A7A20M/CK401E | 4096x3000 | 20 | 12 | CameraLink | IMX304 | CMOS | 3.45x3.45 | 1.1" | Global | M/C | 29x29x43.8 | MH-X/MT-X |
| *A7A21MK401E | 4096x3072 | 18 | 12 | CameraLink | XGS12000 | CMOS | 3.2x3.2 | 1" | Global | M | 29x29x43.8 | MH-X/MT-X |
| A7A21MK200E | 4096x3072 | 56 | 12 | CameraLink | XGS12000 | CMOS | 3.2x3.2 | 1" | Global | M | 29x44x58 | MH-X/MT-X |

Note: Models with Symbol "*" are latest-released products.

| Model | Resolution | FPS | Bit depth | Interface | Sensor | | | | | | Dimension (mm) | Recommended lens |
|----------------|------------|------|-----------|-----------|----------|------|-----------------|--------|---------|------------|----------------|------------------|
| | | | | | Model | Type | Pixel size (μm) | Size | Shutter | Mono/Color | | |
| A7040M/CU000E | 720x540 | 438 | 10 | USB 3.0 | IMX287 | CMOS | 6.9 x 6.9 | 1/2.9" | Global | M/C | 29x29x29 | A9-6MP |
| *A7160M/CU000E | 1440x1080 | 249 | 12 | USB 3.0 | IMX273 | CMOS | 3.45x3.45 | 1/2.9" | Global | M/C | 29x29x29 | A9-6MP |
| A7200MU001E | 1920x1200 | 38.7 | 12 | USB 3.0 | IMX249 | CMOS | 5.86x5.86 | 1/1.2" | Global | M | 29x29x29 | MH-X |
| A7200M/CU130E | 1920x1200 | 164 | 10 | USB 3.0 | IMX174 | CMOS | 5.86x5.86 | 1/1.2" | Global | M/C | 29x29x29 | MH-X |
| *A7201M/CU000E | 1920 X1200 | 72 | 12 | USB 3.0 | XGS2000 | CMOS | 3.2x3.2 | 1/2.2" | Global | M/C | 29x29x29 | A9-6MP |
| A7300M/CU90E | 2048x1536 | 120 | 10 | USB 3.0 | IMX252 | CMOS | 3.45x3.45 | 1/1.8" | Global | M/C | 29x29x29 | A9-6MP |
| A7500M/CU35E | 2448x2048 | 35 | 12 | USB 3.0 | IMX264 | CMOS | 3.45x3.45 | 2/3" | Global | M/C | 29x29x29 | MK-M |
| A7500M/CU75E | 2448x2048 | 75 | 10 | USB 3.0 | IMX250 | CMOS | 3.45x3.45 | 2/3" | Global | M/C | 29x29x29 | MK-M |
| *A7501M/CU000E | 2592x2048 | 43 | 12 | USB 3.0 | XGS5000 | CMOS | 3.2x3.2 | 2/3" | Global | M/C | 29x29x29 | MK-M |
| A7900M/CU200E | 4096x2160 | 40 | 10 | USB 3.0 | IMX255 | CMOS | 3.45x3.45 | 1" | Global | M/C | 29x44x58 | MH-X/MT-X |
| A7900M/CU201E | 4096x2160 | 32 | 12 | USB 3.0 | IMX267 | CMOS | 3.45x3.45 | 1" | Global | M/C | 29x44x58 | MH-X/MT-X |
| A7A20M/CU30E | 4096x3000 | 30 | 10 | USB 3.0 | IMX253 | CMOS | 3.45x3.45 | 1.1" | Global | M/C | 29x44x58 | MH-X/MT-X |
| A7A20M/CU201E | 4096x3000 | 23 | 12 | USB 3.0 | IMX304 | CMOS | 3.45x3.45 | 1.1" | Global | M/C | 29x44x58 | MH-X/MT-X |
| *A7A21M/CU200E | 4096x3072 | 28.6 | 12 | USB 3.0 | XGS12000 | CMOS | 3.2x3.2 | 1" | Global | M/C | 29x44x58 | MH-X/MT-X |

- Support wide resolution range covering 0.4MP~12MP
- Apply Sony CMOS sensor with global shutter and high frame rate
- Support powerful ISP algorithms
- Support SPC
- Compatible with GigE Vision protocol, USB3.0 Vision protocol, CameraLink and GenICam standard
- Conform to CE, FCC and RoHS
- Extraordinary image quality



29mm×29mm×29mm



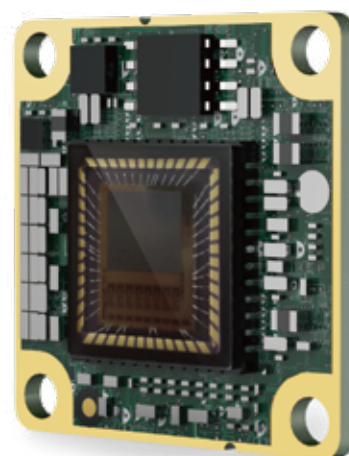
29mm×44mm×58mm

Board-level Industrial Cameras

Compact design enables easy integration

Board-level HCON Industrial Camera

- Complete functions are available on one compact-design board
- Suitable for embedded product development
- Superior cost efficiency
- Apply CMOS sensor with global shutter and rolling shutter
- Easy installation, one FPC cable supports power supply & data transmission
- Provide source code for HCON interface drivers
- Provide full suite of development documents
- Support SPC



| Model | Resolution | FPS | Bit depth | Interface | Sensor | | | | | | Dimension (mm) |
|--------------|------------|-----|-----------|-----------|------------|------|-----------------|--------|---------|------------|----------------|
| | | | | | Model | Type | Pixel size (μm) | Size | Shutter | Mono/Color | |
| AB5131MH080E | 1280x1024 | 60 | 10 | HCON | PYTHON1300 | CMOS | 4.8x4.8 | 1/2" | Global | M | 27x27 |
| AB3600MH080E | 3072x2048 | 25 | 12 | HCON | IMX178 | CMOS | 2.4x2.4 | 1/1.8" | Rolling | M | 27x27 |
| AB7500MH080E | 2448x2048 | 30 | 12 | HCON | IMX264 | CMOS | 3.45x3.45 | 2/3" | Global | M | 26x40 |
| AB7500CH080E | 2448x2048 | 30 | 12 | HCON | IMX264 | CMOS | 3.45x3.45 | 2/3" | Global | C | 26x40 |

Board-level GigE Industrial Camera

- Compact design, 45x45mm (without fixing structure) or 55mmx55mmx14mm (with fixing structure)
- Support C/CS/M12 mount
- Support 4-side Mounting
- Support powerful ISP algorithms
- Support FPN and SPC
- Compatible with GigE Vision protocol and GenICam standard
- Conform to CE, FCC and RoHS
- Superior cost efficiency



USB3.0 Board-level camera



- Compact structure, integrated in 35x35x19 dimension (not including lens mount and rear case connector)
- Support C/M12 lens
- Support 4-side mount
- Support strong ISP algorithms
- Support FPN and SPC
- Compatible with USB3.0 Vision protocol and GenICam standard
- Conform to CE, FCC and RoHS
- Superior cost performance



| Model | Resolution | FPS | Bit depth | Interface | Sensor | | | | | | Dimension (mm) |
|-----------------|-------------|------|-----------|-----------|------------|------|-----------------|--------|---------|------------|----------------|
| | | | | | Model | Type | Pixel size (µm) | Size | Shutter | Mono/Color | |
| AB3051MG020E | 800x600 | 120 | 10 | GigE | PYTHON480 | CMOS | 4.8x4.8 | 1/3.6" | Global | M | 55x55x14 |
| AB3600MG000E | 3072x2048 | 18 | 12 | GigE | IMX178 | CMOS | 2.4x2.4 | 1/1.8" | Rolling | M | 55x55x14 |
| AB3131MG023E | 1280x1024 | 60 | 10 | GigE | PYTHON1300 | CMOS | 4.8 x 4.8 | 1/2" | Global | M | 55x55x14 |
| AB3600M/CU000E | 3072 x 2048 | 60 | 10 | USB3.0 | IMX 178 | COMS | 2.4x2.4 | 1/1.8" | Rolling | M/C | 35x35x19 |
| AB3600CU010E | 3072 x 2048 | 60 | 10 | USB3.0 | IMX 178 | COMS | 2.4x2.4 | 1/1.8" | Rolling | C | 35x35x19 |
| *AB3138MU000E | 1280x1024 | 201 | 10 | USB3.0 | SS | COMS | 4.0x4.0 | 1/2.7" | Global | M | 35x35x19 |
| AB5131M/CU000E | 1280x1024 | 208 | 10 | USB3.0 | PYTHON1300 | COMS | 4.8x4.8 | 1/2" | Global | M/C | 35x35x19 |
| *AB3A20M/CU000E | 4000x3000 | 30 | 10 | USB3.0 | IMX226 | CMOS | 1.85x1.85 | 1/3.6" | Global | M/C | 35x15x19 |
| *AB7200M/CU102E | 1920x1200 | 164 | 10 | USB3.0 | IMX174 | CMOS | 5.86x5.86 | 1/1.2" | Global | M/C | 35x35x19 |
| *AB7A20M/CU102E | 4096X3000 | 23.4 | 12 | USB3.0 | IMX304 | CMOS | 3.45x3.45 | 1.1" | Global | M/C | 35x35x19 |

Note: Models with Symbol "*" are latest-released products.

Large Area Scan Cameras

High resolution & High frame rate



100mm × 100mm × 66mm



| Model | Resolution | FPS | Bit depth | Interface | Model | Type | Sensor Pixel size (μm) | Size | Shutter | Mono/Color | Dimension (mm) | Lens mount | Recommended lens |
|-----------------|-------------|------|-----------|--------------|--------------|------|------------------------|-------------|---------|------------|----------------|----------------|------------------|
| A5B51M/CG4E | 5120x5120 | 4 | 10 | GigE | PYTHON25K | CMOS | 4.5x4.5 | 23.0x23.0 | Global | M/C | 76x76x46 | M58(FBL 12.3) | F32-5035-M43 |
| AX7C10M/CG250E | 6464x4852 | 3.6 | 12 | GigE | IMX342 | CMOS | 3.45x3.45 | 22.3x16.7 | Global | M/C | 72x72x64 | M58(FBL 12) | F32-5035-M43 |
| AX5E07M/CG250E | 9344x5000 | 2.6 | 12 | GigE | Customize | CMOS | 3.2x3.2 | 29.9x16.0 | Global | M/C | 72x72x65 | M58(FBL 12) | F46-6035-M58 |
| AX5F57M/CG250E | 9344x7000 | 1.7 | 12 | GigE | GMAX3265 | CMOS | 3.2x3.2 | 29.9x22.4 | Global | M/C | 72x72x65 | M58(FBL 12) | F46-6035-M58 |
| *AX7A20M/CT250E | 4096x3000 | 68 | 10 | 10GigE | IMX253 | CMOS | 3.45x3.45 | 1.1" | Global | M/C | 72x72x78 | M58(FBL 12) | MH-X/MT-X |
| AX5B51M/CT250E | 5120x5120 | 43 | 10 | 10GigE | PYTHON 25K | CMOS | 4.5x4.5 | 23.0x23.0 | Global | M/C | 72x72x78 | M58(FBL 12) | F32-5035-M43 |
| *AX5B57M/CT250E | 5120x5120 | 41 | 12 | 10GigE | GMAX0505 | CMOS | 2.5x2.5 | 1.1" | Global | M/C | 72x72x79 | M58(FBL 12) | MT-X |
| *AX5F57M/CT250E | 9344 x 7000 | 17.4 | 12 | 10GigE | GMAX3265 | CMOS | 3.2x3.2 | 29.9 x 22.4 | Global | M/C | 72x72x80 | M58(FBL 12) | F46-6035-M58 |
| AX7C10M/CK250E | 6240x4848 | 24.8 | 10 | CameraLink | IMX342 | CMOS | 3.45x3.45 | 22.3x16.6 | Global | M/C | 72x72x64 | M58(FBL 12) | F32-5035-M43 |
| AX5E07M/CK250E | 9280x4992 | 17.5 | 12 | CameraLink | Customize | CMOS | 3.2x3.2 | 29.9x16.0 | Global | M/C | 72x72x65 | M58(FBL 12) | F46-6035-M58 |
| AX5F57M/CK250E | 9280x6992 | 12.5 | 12 | CameraLink | GMAX3265 | CMOS | 3.2x3.2 | 29.9x22.4 | Global | M/C | 72x72x65 | M58(FBL 12) | F46-6035-M58 |
| AX7Q00MK470E | 14160x10640 | 5.1 | 12 | CameraLink | IMX411 | CMOS | 3.76x3.76 | 53.4x40.0 | Rolling | M | 100x100x66 | M72(FBL 19.55) | F67-5545-M72 |
| AX5A22M/CX050E | 4096x3072 | 188 | 12 | CoaXPRESS-6 | CMV12000 | CMOS | 5.5x5.5 | 22.5x16.9 | Global | M/C | 72x72x72 | M58(FBL 12) | F32-5035-M43 |
| AX5A22M/CX060E | 4096x3072 | 188 | 12 | CoaXPRESS-6 | CMV12000 | CMOS | 5.5x5.5 | 22.5x16.9 | Global | M/C | 72x72x72 | F | F32-5035-M43 |
| AX5A22M/CX340E | 4096x3072 | 188 | 12 | CoaXPRESS-6 | CMV12000 | CMOS | 5.5x5.5 | 22.5x16.9 | Global | M/C | 80x80x47 | M42(FBL 12) | F32-5035-M43 |
| A9B57M/CX250E | 5120x5120 | 90 | 12 | CoaXPRESS-6 | GMAX0505 | CMOS | 2.5x2.5 | 1.1" | Global | M/C | 72x72x70 | M58(FBL 12) | MT-X |
| AX5E02M/CX150E | 7920x6004 | 30 | 12 | CoaXPRESS-6 | CMV50000 | CMOS | 4.6x4.6 | 36.4x27.6 | Global | M/C | 72x72x91 | M58(FBL 12) | F46-6035-M58 |
| AX5E02M/CX160E | 7920x6004 | 30 | 12 | CoaXPRESS-6 | CMV50000 | CMOS | 4.6x4.6 | 36.4x27.6 | Global | M/C | 72x72x91 | F | F46-6035-M58 |
| AX5E07M/CX250E | 9344x5000 | 44 | 12 | CoaXPRESS-6 | Customize | CMOS | 3.2x3.2 | 29.9x16.0 | Global | M/C | 72x72x70 | M58(FBL 12) | F46-6035-M58 |
| *AX5F57M/CX250E | 9344x7000 | 31 | 12 | CoaXPRESS-6 | GMAX3265 | CMOS | 3.2x3.2 | 29.9x22.4 | Global | M/C | 72x72x70 | M58(FBL 12) | F46-6035-M58 |
| *AX7Q10M/CX470E | 14160x10640 | 6.1 | 12 | CoaXPRESS-6 | IMX411 | CMOS | 3.76 x 3.76 | 53.4x40.0 | Rolling | M/C | 100x100x66 | M72(FBL 19.55) | F67-5455-M72 |
| *AX7Q10M/CX770E | 14160x10640 | 6.1 | 12 | CoaXPRESS-6 | IMX411 | CMOS | 3.76 x 3.76 | 53.4x40.0 | Rolling | M/C | 110x110x90 | M72(FBL 19.55) | F67-5545-M72 |
| *AX5A22M/CP050E | 4096x3072 | 330 | 8 | CoaXPRESS-12 | CMV12000 | CMOS | 5.5x5.5 | 22.5x16.9 | Global | M/C | 80x80x72 | M58(FBL 12) | F32-5035-M43 |
| *AX5B17MP050E | 5120x4096 | 219 | 12 | CoaXPRESS-12 | GOSPRINT4521 | CMOS | 4.5 x 4.5 | 23.0x18.4 | Global | M | 80x80x75 | M58(FBL 12) | F32-5035-M43 |
| A9B57M/CP050E | 5120x5120 | 150 | 12 | CoaXPRESS-12 | GMAX0505 | CMOS | 2.5x2.5 | 1.1" | Global | M/C | 80x80x72 | M58(FBL 12) | MT-X |
| A9B57MP340E | 5120x5120 | 150 | 12 | CoaXPRESS-12 | GMAX0505 | CMOS | 2.5x2.5 | 1.1" | Global | M | 80x80x65 | M42(FBL 12) | MT-X |
| AX5F57M/CP050E | 9344x7000 | 71 | 12 | CoaXPRESS-12 | GMAX3265 | CMOS | 3.2x3.2 | 29.9x22.4 | Global | M/C | 80x80x72 | M58(FBL 12) | F46-6035-M58 |

Note: Models with Symbol “*” are latest-released products.



76mm×76mm×46mm



72mm×72mm×91mm

- Compatible with GigE Vision protocol, CameraLink protocol, CoaXPress protocol and GenICam standard
- Support wide resolution range, covering 12MP~151MP
- Support Base, Medium and Full modes on CameraLink interface
- Support 4-channel CXP-6 or CXP-12 data output
- Apply high frame rate CMOS sensor with global shutter
- Support FFC/SPC, defect pixel import
- Support wide range of power supply



72mm×72mm×64mm



72mm×72mm×64mm

Line Scan Cameras

High resolution & High line rate



62mm×62mm×35.5mm



| Model | Resolution | Line rate (Hz) | Bit depth | Interface | Sensor | | | Dimension (mm) | Lens mount | Recommended lens |
|--------------|------------|----------------|-----------|-------------|--------|-----------------|------------|----------------|--------------|-------------------|
| | | | | | Type | Pixel size (μm) | Mono/Color | | | |
| L5022MG141E | 2048x1 | 49K | 12 | GigE | CMOS | 14x14 | M | 62x62x35.3 | M42 (FBL12) | F32-5035-M43 |
| L5027MG140E | 2048x1 | 49K | 12 | GigE | CMOS | 14x14 | M | 62x62x43.5 | M42 (FBL 12) | F32-5035-M43 |
| L5022CG141E | 2048x2 | 49K | 12 | GigE | CMOS | 14x14 | C | 62x62x35.3 | M42 (FBL 12) | F32-5035-M43 |
| L5027CG140E | 2048x2 | 49K | 12 | GigE | CMOS | 14x14 | C | 62x62x43.5 | M42 (FBL 12) | F32-5035-M43 |
| L5042MG141E | 4096x1 | 28K | 12 | GigE | CMOS | 7x7 | M | 62x62x35.3 | M42 (FBL 12) | F32-5035-M43 |
| L5047MG140E | 4096x1 | 28K | 12 | GigE | CMOS | 7x7 | M | 62x62x43.5 | M42 (FBL 12) | F32-5035-M43 |
| L5082MG170E | 8192x1 | 13K | 12 | GigE | CMOS | 7x7 | M | 80x80x48 | M72 (FBL 12) | 8K line scan lens |
| L5042CG141E | 4096x2 | 28K | 12 | GigE | CMOS | 7x7 | C | 62x62x35.3 | M42 (FBL 12) | F32-5035-M43 |
| L5047CG140E | 4096x2 | 28K | 12 | GigE | CMOS | 7x7 | C | 62x62x43.5 | M42 (FBL 12) | F32-5035-M43 |
| *L5047CK140E | 4096x2 | 62K | 12 | Camera Link | CMOS | 7x7 | C | 62x62x33.68 | M42 (FBL 12) | F32-5035-M43 |
| *L5047MK140E | 4096x2 | 120K | 12 | Camera Link | CMOS | 7x7 | M | 62x62x33.68 | M42 (FBL 12) | F32-5035-M43 |
| L5082MK170E | 8192x1 | 74K | 12 | Camera Link | CMOS | 7x7 | M | 80x80x48 | M72 (FBL 12) | 8K line scan lens |
| *L5087MK470E | 8192x4 | 100K | 10 | CameraLink | CMOS | 5x5 | M | 80x80x57.8 | M72 (FBL 12) | 8K line scan lens |
| *L5087CK670E | 8192x6 | 34K | 10 | Camera Link | CMOS | 5x5 | C | 80x80x57.8 | M72 (FBL 12) | 8K line scan lens |
| *L5162MK170E | 16384x1 | 50K | 12 | CameraLink | CMOS | 3.5x3.5 | M | 80x80x39.5 | M72 (FBL 12) | 8K line scan lens |

Note: Models with Symbol “*” are latest-released products.



80mm×80mm×48mm

- Compatible with GigE Vision protocol, CameraLink protocol and GenICam standard
- Support wide resolution range, covering 2K~16K
- Support Base, Medium, Full and Deca modes on CameraLink interface
- Apply CMOS sensor with & high line rate & multiple lines
- Support FFC
- Support wide range of power supply



80mm×80mm×57.8mm

3000 Series Code Readers

■ Small size code reader, suitable for 3C industry



- Red / White built-in illumination
- Support IP65 protection level
- Abundant IO interfaces, Ethernet, RS232, GPIO interface
- 5 ~ 24V DC power supply, low power consumption, less than 2.5W
- Abundant code reading types, Code128 / EAN , DM / QR, etc
- Support one click auto training, multi-parameter polling and other functions
- Support a wide selection of accessories suitable to reflection, bending and other scenarios

3000 Series Code Readers

Small code reader, suitable for 3C industry



| Model | RH3124MG011E | RH3124MG011-111E | RH3124MG011-112E | RH3124MG111E |
|-----------------------|--|---------------------|--------------------|--------------------------|
| Resolution | 1280x960 | 1280x960 | 1280x960 | 1280x960 |
| Working Distance | 70mm | 40mm | 110mm | 35~150mm, manual control |
| FOV | 42 x 32mm | 26 x 20mm | 65 x 50mm | 26x20mm - 84x64mm |
| Max. Decoding Speed | 20pcs/S | 20pcs/S | 20pcs/S | 20pcs/S |
| Min. Resolution | 1D 0.05mm/2D 0.13mm | 1D 0.03mm/2D 0.09mm | 1D 0.08mm/2D 0.2mm | 1D 0.03mm/2D 0.09mm |
| Light | Red /White integrated light source | | | |
| Trigger Mode | Support software trigger / external trigger / free running and other trigger modes | | | |
| Connector | Industrial grade M12 connectors are Ethernet and GPIO interfaces | | | |
| Net Port | 100M Ethernet | | | |
| GPIO | RS232, 1 isolated input, 1 isolated output, 1 configurable input and output | | | |
| Communication Port | RS232, Ethernet | | | |
| Protocols | SDK, Serial, TCP/Server, TCP/Client, Profinet, Modbus TCP | | | |
| LED Indicators | Power indicator, network indicator, result display indicator | | | |
| Power Supply | Support DC24V input, suitable to industrial environment | | | |
| Power Consumption | <2.0W | | | |
| Dimension | 50mm x 50mm x 28mm(Cable not included) | | | |
| Weight | <150g | | | |
| Protection Level | IP65 | | | |
| Cover Material | Aluminum alloy + front cover | | | |
| Operation Temperature | -20°C~+50°C | | | |
| Operation Humidity | 20%~95%, Non condensing | | | |
| Storage Temperature | -30°C~+70°C | | | |
| Software | EasyID | | | |
| Certification | CE/FCC | | | |
| Decoding | Code 128 / Code39 / Code93 / EAN, etc.; QR / DM / DPM, etc. | | | |

5000 Series Code Readers

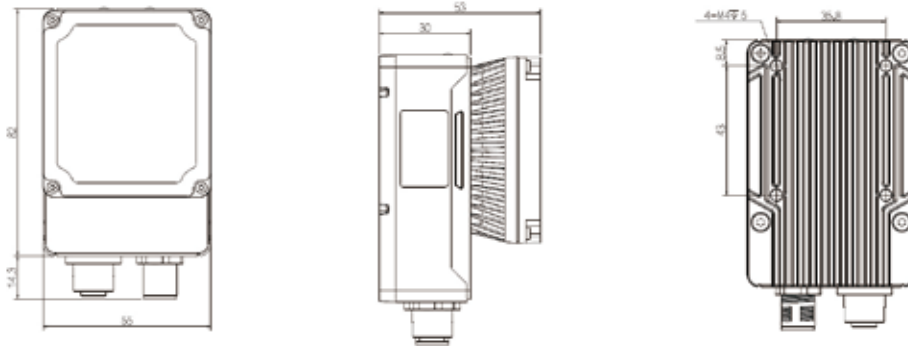
■ Deep Learning, Auto Focus, High Speed, Complex Application Decoding

- Light-integrated design makes red/white/blue illumination optional, support control separately
- Support different focal lengths, electrical auto focus and one-click auto training
- GigE interface, IP65 protection level
- Abundant IO interfaces such as Ethernet, RS232, GPIO, support multiple communication protocols
- Support various code formats and evaluations of code quality
- Built-in deep-learning algorithms and multi-parameters polling to ensure effects of complex applications

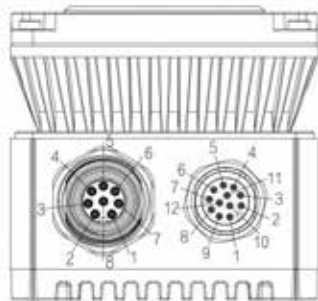


| Model | R5016MG-06M-RGG01E | R5016MG-12M-RGG01E | R5016MG-25M-RGG01E |
|-----------------------|--|--------------------|--------------------|
| Resolution | 1440x1080 | 1440x1080 | 1440x1080 |
| Frame Rate | 60fps | 60fps | 60fps |
| Max. Decoding Speed | 90codes/S | 90 codes/S | 90 codes/S |
| Focal | 6mm | 12mm | 25mm |
| Focusing | Electrical auto focus, support one-click auto training | | |
| Light | Integrated design makes red/white/blue illumination optional(red by default), support control separately | | |
| Trigger Mode | Software trigger/External trigger/Free run modes | | |
| Connector | 2 Industrial connectors support GigE and GPIO | | |
| Net Port | GigE | | |
| GPIO | RS232, 2 Opto-isolated inputs and 3 Opto-isolated outputs | | |
| Communication Port | RS232, Ethernet | | |
| Protocols | SDK, TCP Client, FTP, TCP Server, RS232, Profinet, Modbus | | |
| LED Indicators | Power supply; Network; Status; Result | | |
| Power Supply | DC 12/24V ±10%, 1.5A input, suitable for industrial environment | | |
| Power Consumption | <9.8W(light included) | | |
| Dimension | 82mmx55mmx53mm(not including connector) | | |
| Weight | <350g | | |
| Protection Level | IP65 | | |
| Cover Material | Aluminum alloy + Front cover | | |
| Operation Temperature | -20°C~+50°C | | |
| Operation Humidity | 20%~95%(no condensation) | | |
| Storage Temperature | -30°C~+70°C | | |
| Software | EasyID | | |
| Decoding | 1D: code 128, code 39, code 93, EAN and etc.;2D: QR/DM/DPM | | |
| Quality Evaluation | ISO/IEC 29158(AIM-DPM), ISO/IEC 15415, ISO/IEC 15416) | | |

Structure(unit:mm)



I/O Connector



12 pin: Power + IO + RS232

8 pin: GigE

| Pin | Color | Signal | Description |
|-----|--------------|-------------|-----------------|
| 1 | Brown white | OPT_OUT2 | Opto output 2 |
| 2 | Grey | TXD_RS232 | Serial send |
| 3 | Purple | RXD_RS232 | Serial receive |
| 4 | White black | SIGANL_GND | Serial GND |
| 5 | Yellow | OPT_IN1 | Opto input 1 |
| 6 | Purple white | OPT_IN_GND | Opto input GND |
| 7 | Red | POWER | Power |
| 8 | Black | POWER_GND | Power GND |
| 9 | Green | OPT_OUT_GND | Opto output GND |
| 10 | Oringe | OPT_IN0 | Opto input 0 |
| 11 | Blue | OPT_OUT0 | Opto output 0 |
| 12 | Brown | OPT_OUT1 | Opto output 1 |

7000 Series Code Reader

High-rate decoding, Large FOV

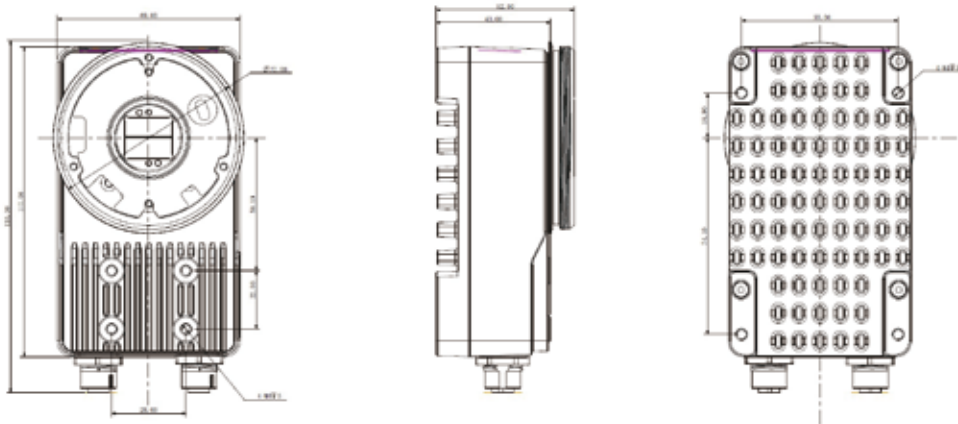
- Built-in deep learning algorithm, efficient and powerful algorithm performances
- Support software trigger/hardware trigger/free run mode etc.
- Support RS232/RS485 and 1 Opto-isolated inputs, 3 Opto-isolated outputs
- Industrial-grade M12 Connector, IP67 protection level with lens cover
- Support DC 24V power supply
- Up to 96 pcs of barcodes can be decoded in one FOV



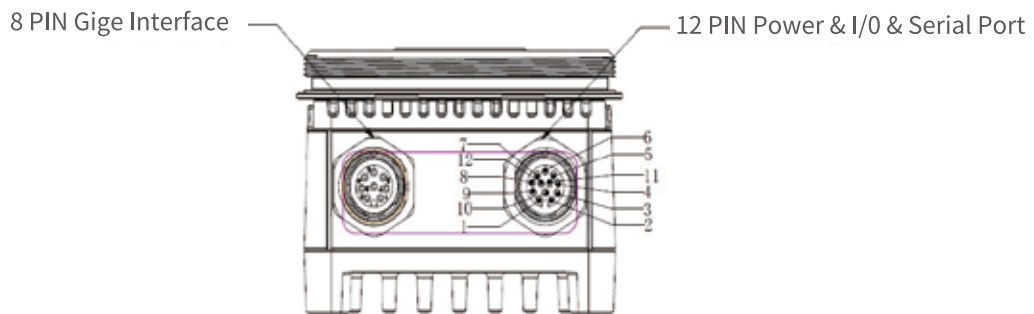
| Model | Sensor | Type | Shutter | Resolution | FPS | Port | M/C | Pixel size | Size |
|--------------------|--------|--------|---------|-------------|-----|---------|------|------------|------|
| R7200MG-00C-NGG01E | IMX183 | Global | Rolling | 5440 x 3648 | 15 | C-mount | Mono | 2.4 x 2.4 | 1" |

| | |
|-------------------|--|
| Model | R7200MG-00C-NGG01E |
| Resolution | 20MP |
| RAM | 4GB DDR4 |
| ROM | 4GB NAND |
| Trigger Mode | Software trigger/external trigger/free run multi-mode |
| Connector | 2 industrial M12 connector, Ethernet & GPIO port |
| Net Port | Code-A, GigE |
| GPIO | 12pin IO, RS232/485, 3 Opto inputs, 3 Opto outputs |
| Serial | RS232/485(optional) |
| LED Indicators | System,Network, Trigger |
| Lens Type | C-mount & M12-mount(optional) |
| Power Supply | DC24V input, suitable for industrial environment |
| Power Consumption | <8.0W@DC24V(light not included) |
| Dimension | 117mm x 69mm x 43mm(not including connector) |
| Weight | <550g |
| Temperature | Working Temperature -20°C~+50°C, Storage Temperature -30°C~+70°C |
| Humidity | 20%~95%, no condensation |
| Software | EasyID |
| Protection Level | IP67(with lens cover) |
| Certification | CE/FCC |
| Decoding | 1D: Code128/Code39/Code93/EAN etc.; 2D: QR/DM/DPM |

Structure(unit:mm)



I/O Connector



| Pin | Signal | Description |
|-----|--------------|-----------------|
| 1 | OPT_IN1 | Opto input 1 |
| 2 | OPT_IN2 | Opto input 2 |
| 3 | OPT_OUT1 | Opto output 1 |
| 4 | OPT_OUT2 | Opto output 2 |
| 5 | RXD_RS232 | Serial receive |
| 6 | OPT_IN_GND | Opto input GND |
| 7 | Power | Power |
| 8 | Power Ground | Power GND |
| 9 | OPT_OUT_GND | Opto output GND |
| 10 | OPT_IN0 | Opto input 0 |
| 11 | OPT_OUT0 | Opto output 0 |
| 12 | TXD_RS232 | Serial send |

AMR Code Reader

Efficient code reading performance & High frame rate

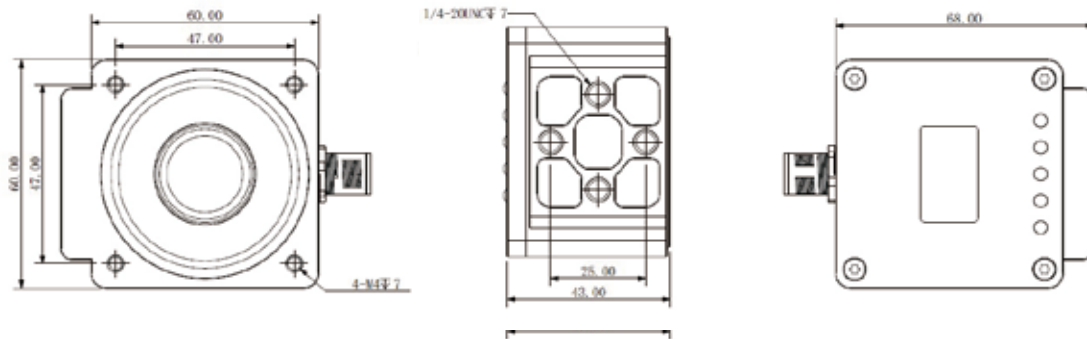
- Efficient code reading performance & High frame rate
- Embedded code reading algorithm perform with high decoding rate and high accuracy
- Support 2D code including DM-12&DM-14 etc.
- Embedded aviation plug, abundant I/O interfaces
- 5 LED indicators for debugging and status monitoring
- Support multiple UserSets to save/load or switch
- M12 lens helps code reading in large FOV
- Excellent built-in illumination design enables uniformed lighting environment



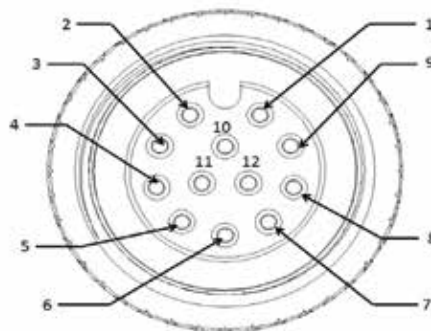
| Model | Shutter | Resolution | FPS | Interface | M/C | Pixel size | Size |
|-------------|---------|------------|-----|-----------|------|------------|------|
| R3138MG010E | Global | 1280×1080 | 100 | M12 | Mono | 2.7 x 2.7 | 1/4" |

| | |
|-----------------------|--|
| Model | R3138MG010E |
| Trigger Mode | Free run |
| Focal | 3.37mm |
| Working Distance | 100mm±20mm |
| Field of View | 110mm x95mm |
| Field of Angle | 60°x45° |
| Max. Moving Speed | 3m/s |
| Connector | 1 industrial M12 connector, Ethernet & GPIO port |
| Net Port | 100 Ethernet |
| Communication Port | 100 Ethernet, RS485 |
| Protocols | SDK, Serial, TCPServer, TCPClient |
| LED Indicators | Power, network, trigger, status |
| Power Supply | DC24V±10% |
| Power Consumption | Strobe off: 2.65W@24VDC/ Strobe on: 3.2W@24VDC/Strobe constant: 5.4W@24VDC |
| Dimension | 60mm x 60mm x 43mm (without connector) |
| Package Size | 164mm x 122mm x 91mm |
| Net Weight | <225g |
| Gross Weight | <350g |
| Protection Level | IP64 |
| Cover Material | Aluminum alloy |
| Operation Temperature | -20°C ~+50°C |
| Operation Humidity | 20%~95%, no condensation |
| Storage Temperature | -30°C ~+80°C |
| Software | SVStudio |
| Certification | CE, FCC |

Structure(unit:mm)



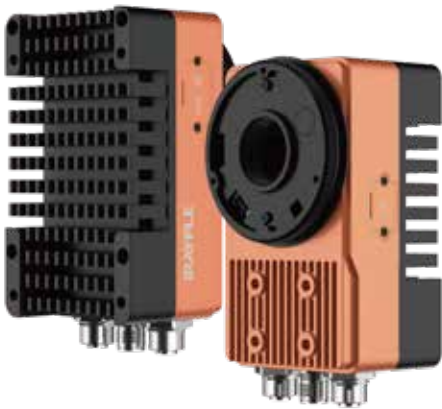
I/O Connector



| Pin | Signal | Description |
|-----|-------------|-----------------------|
| 1 | DC24V | DC power |
| 2 | GND | Power GND |
| 3 | OPTO_OUT | Opto output |
| 4 | OUT_COM | Opto output GND |
| 5 | OPTO_IN | Opto input |
| 6 | IN_COM | Opto input GND |
| 7 | MDI1+ | Ethernet signal MDI1+ |
| 8 | MDI1- | Ethernet signal MDI1- |
| 9 | MDI0+ | Ethernet signal MDI0+ |
| 10 | MDI0- | Ethernet signal MDI0- |
| 11 | RS485+/CAN+ | RS485 + / CAN+ |
| 12 | RS485-/CAN- | RS485 - / CAN - |

X86 Smart Cameras

High expensibility & practical performance



- Support Win10 OS, support secondary development
- Support VGA/USB interface and extended keyboard/mouse connection
- CMOS series product covering 1.3MP~20.0MP resolution
- 4G RAM& 64G SSD
- Support software trigger/hardware trigger/free run mode
- Support RS232 or RS485, 3 Opto-isolated inputs and 3 Opto-isolated outputs
- Support C mount and optional built-in illumination
- Industrial-grade M12 connector, IP67 protection level
- DC 12~26V wide range of power supply which is suitable for DC12V/24V industrial environment
- Embedded iRAYPLE self-developed algorithm platform to support different application scenarios

| Model | Resolution | FPS | Interface | Sensor | | | | | Dimension (mm) | Recommended lens |
|--------------|------------|-----|-----------|--------|-----------------|--------|---------|------------|----------------|------------------|
| | | | | Type | Pixel size (μm) | Size | Shutter | Mono/Color | | |
| SI5131MG002E | 1280X1024 | 190 | GigE | CMOS | 4.8X4.8 | 1/2" | Global | M | 62X69X132.2 | A9-6M |
| SI5201MG002E | 1920X1200 | 150 | GigE | CMOS | 4.8X4.8 | 2/3" | Global | M | 62X69X132.2 | MK-M |
| SI5501MG002E | 2592X2046 | 20 | GigE | CMOS | 4.8X4.8 | 1" | Global | M | 62X69X132.2 | MH-X |
| SI5500MG002E | 2448X2048 | 35 | GigE | CMOS | 3.45X3.45 | 2/3" | Global | M | 62X69X132.2 | MK-M |
| SI5600MG002E | 3072X2048 | 30 | GigE | CMOS | 2.4X2.4 | 1/1.8" | Rolling | M | 62X69X132.2 | A9-6M |
| SI5A20MG002E | 4000X3000 | 20 | GigE | CMOS | 1.85X1.85 | 1/1.7" | Rolling | M | 62X69X132.2 | MK-M |
| SI5B00MG002E | 5472X3648 | 21 | GigE | CMOS | 2.4X2.4 | 1" | Rolling | M | 62X69X132.2 | MT-X |

3D Industrial Camera Series

Large FOV & High speed



- Pre-calibration during production and support high speed output 3D measurement in mm-level
- Configurable working distance and FOV
- Integrated with 3D calibration kits
- Maximum scale: 1000mmx1000mmx2000mm(WxHxL)
- High accurate 3D measurement: 5mmx5mmx5mm
- Output point cloud image and volume measurement data
- Abundant interfaces including GigE/Input&Output/Encoder
- Industrial level M12 connector, IP65 protection level
- Support wide-range power supply
- Directly output volume data without PC



| Model | Near FOV (mm) | Far Fov (mm) | Z-Precision (mm ³) | Working distance (mm) | Scale (mm) | Laser grade | Dimension (mm) |
|-------------|---------------|--------------|--------------------------------|-----------------------|------------|-------------|----------------|
| D5201MG100E | 1000 | 2200 | 1m@±2mm | 1000 ~1800 | 1000 | CLASS 1 | 370x65.6x150 |

3D Stereo Camera

■ Built-in algorithm, excellent performance



13

- Built-in high-precision measurement algorithm, high measurement accuracy
- Small installation space, highly integrated, cost-effective
- Uniform and reliable speckle laser module
- Superior optical filter design, strong resistance to ambient light
- Built-in aviation plug, abundant I/O interfaces
- 4 indicator lights for debugging and status monitoring
- Industrial level M12 connector, IP65 protection level
- Support multi-camera cascade

| Model | Near FOV (mm) | Far Fov (mm) | Z-Precision (mm ³) | Working distance (mm) | Laser grade | Interface |
|---------------|---------------|--------------|--------------------------------|-----------------------|-------------|-----------|
| *DS5131MG30CE | 590 × 540 | 3880 × 3960 | 1m@±2mm | 600 ~3500 | CLASS 1 | GigE |

Note: Models with symbol “*” are latest released products

3D Stereo Camera

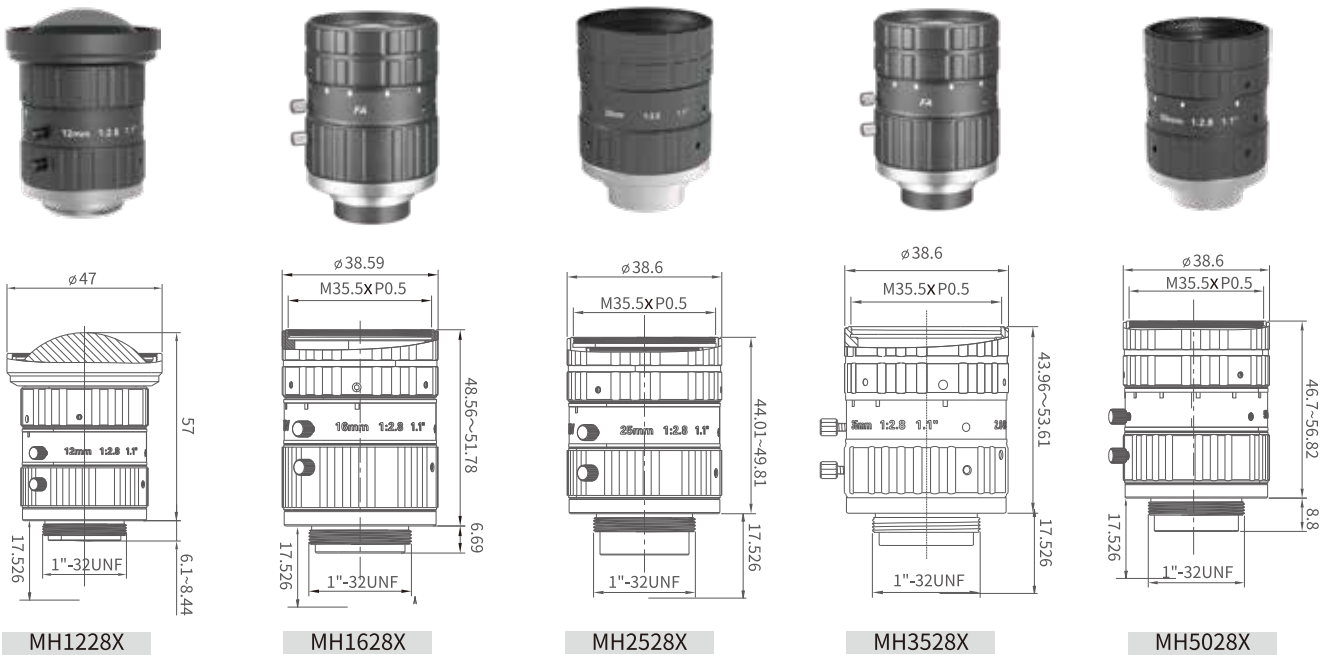
 Built-in algorithm, excellent performance



| Specification | |
|-----------------------|--|
| Near FOV | 590mmx540mm |
| Far FOV | 3880 mm x 3960 mm |
| Working Distance | 600mm-3500mm |
| Z Precision | 1m@±2mm |
| Data Format | Color images, Depth map, Point cloud, Dimension |
| Laser Type | Speckle laser module |
| Laser Grade | CLASS 1 |
| Connector | 2 industrial M12 connector, Ethernet, GPIO port |
| Net Port | Code-A, GigE |
| GPIO | 2 Opto outputs |
| Communication Port | Ethernet |
| Protocols | SDK, Serial, TCP Server, TCP Client |
| LED Indicators | Power, Ethernet, Trigger, Laser |
| Power Supply | DC12V~24V wide range power supply, meet DC 12V/24V application |
| Power Consumption | <10.0W |
| Dimension | 150 mmX 120 mm X50.5 mm (connector not included) |
| Package Size | 369 mm x 257 mm x 148 mm |
| Net Weight | <1500g |
| Gross Weight | <3200g |
| Protection Level | IP65 |
| Cover Material | Aluminum alloy |
| Operation Temperature | -20°C~+50°C |
| Operation Humidity | 20%~95% non condensation |
| Storage Temperature | -30°C ~+80°C |
| Software | SCV |
| Certification | CE, FCC |

MH-X series (1.1"12MP)

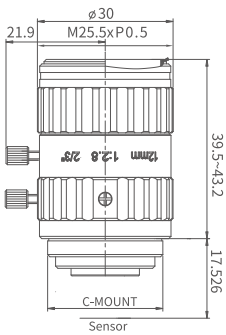
- Support up to 1.1 " camera sensors , (Φ17.6mm) ;
- 5 models , focal length covering from 12mm to 50mm ;
- High resolution for 12 MP camera in full of view , matching 3.45μm pixel size ;
- Ultra low distorton , TV distortion less than 0.5% ;
- Stable sharpness quality when temperature varies from -20°C ~ 50°C ;



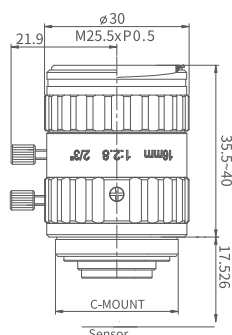
| Model | MH1228X | MH1628X | MH2528X | MH3528X | MH5028X | |
|-----------------------|-----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Focal Length | 12.4mm | 16mm | 25mm | 35mm | 50mm | |
| Image Circle | Φ17.6mm | Φ17.6mm | Φ17.6mm | Φ17.6mm | Φ17.6mm | |
| F# | F2.8- F16 | F2.8 - 16 | F2.8 - F16 | F2.8 - 16 | F2.8 - F16 | |
| Angle of View | 1.1"(14.08mmx10.56mm) | 70.5°x59.8°x46.3° | 57.8°x47.6°x36.5° | 37.3°x30.4°x23° | 26.7°x21.4°x15.9° | 18.4°x14.8°x11.2° |
| | 1"(12.44mmx9.83mm) | 65.7°x53.5°x43.3° | 52.8°x42.5°x34.1° | 33.9°x26.9°x21.4° | 24.1°x18.9°x15.1° | 16.7°x13.2°x10.5° |
| Working Distance | 0.1m to inf | 0.1m to inf | 0.15m to inf | 0.2m to inf | 0.3m to inf | |
| TV Distortion | - 0.22% | - 0.18% | - 0.20% | - 0.02% | - 0.02% | |
| Relative Illumination | Aperture | 65% | 70% | 60% | 80% | 70% |
| | F4.0 | 81% | 80% | 90% | 90% | 95% |
| Mount | C- Mount | C- Mount | C- Mount | C- Mount | C- Mount | |
| Dimensions | 56.99mmxΦ47mm | 51.78mmxΦ38.59mm | 49.81mmxΦ38.6mm | 53.61mmxΦ38.6mm | 56.82mmxΦ38.6mm | |
| Filter Thread | No | M35.5xP0.5 | M35.5xP0.5 | M35.5xP0.5 | M35.5xP0.5 | |
| Weight | 186g | 180g | 133g | 136g | 134g | |
| Working Temperature | -20°C~50°C | -20°C~50°C | -20°C~50°C | - 20°C~50°C | -20°C~50°C | |

MK-M series (2/3"10MP)

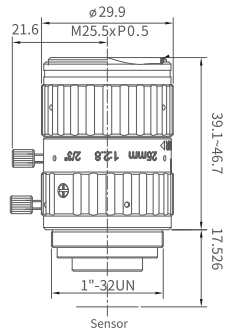
- Support up to 2/3 " camera sensors ;
- High resolution for 10 MP camera in full of view ;
- Ultra low distortion ;
- Small size structure suitable for system integration and installation ;
- Stable sharpness quality when temperature varies from -20°C ~ 50°C ;



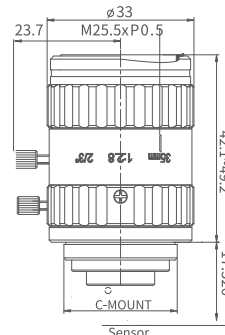
MK1228M



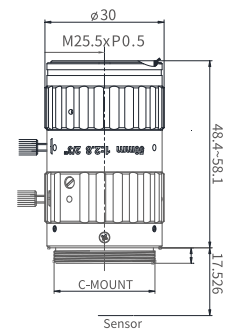
MK1628M



MK2528M



MK3528M

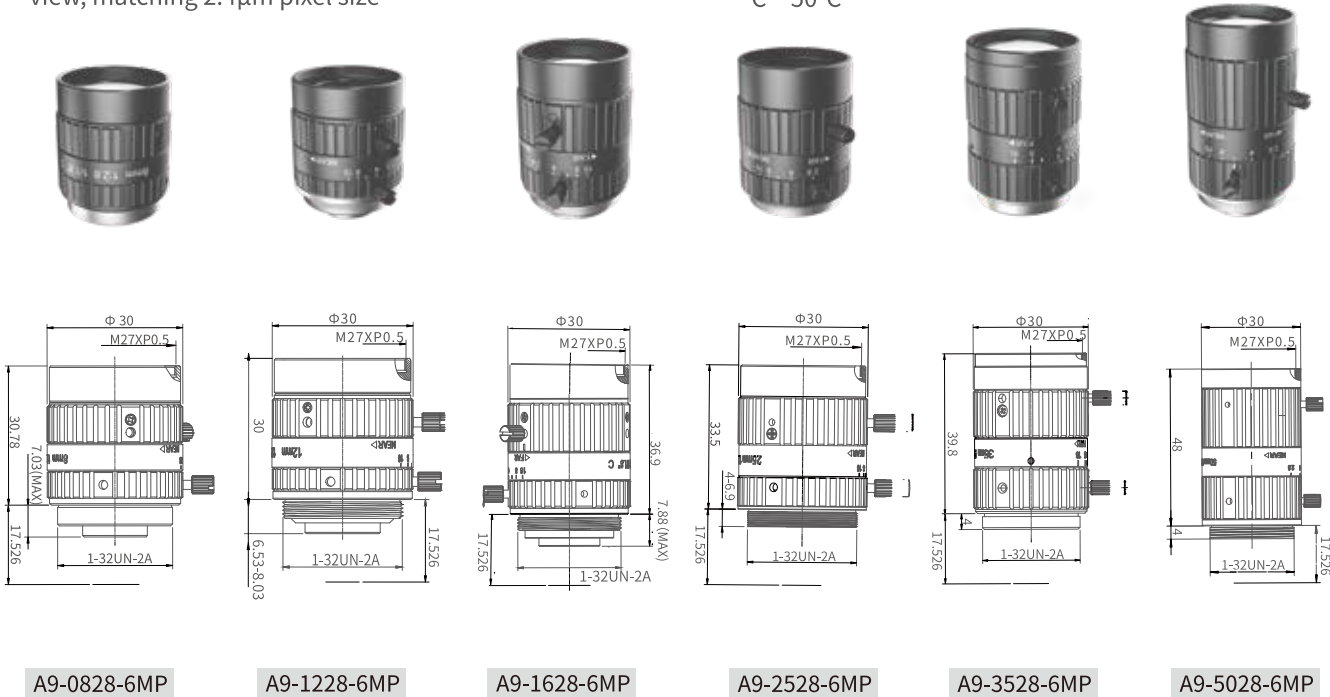


MK5028M

| Model | | MK1228M | MK1628M | MK2528M | MK3528M | MK5028M |
|-----------------------|--------------|-------------------|-------------------|-------------------|-------------------|------------------|
| Focal Length | | 12mm | 16mm | 25mm | 35mm | 50mm |
| Image Circle | | Φ11.4mm | Φ11.4mm | Φ11.4mm | Φ11.4mm | Φ11.4mm |
| F# | | F2.8 - 16 | F2.8 - 16 | F2.8 - 16 | F2.8 - 16 | F2.8 - 16 |
| Angle of View | 2/3" (Φ11mm) | 49.2°x40.2°x30.8° | 37.9°x30.8°x23.3° | 24.8°x20.0°x15.0° | 17.9°x14.3°x10.8° | 11.01°x8.5°x6.4° |
| | 1/2" (Φ8mm) | 36.9°x29.9°x22.6° | 31.2°x25.3°x18.9° | 18.2°x14.6°x11.0° | 13.0°x10.4°x7.8° | 7.8°x6.4°x4.3° |
| Working Distance | | 0.1m to inf | 0.1m to inf | 0.15m to inf | 0.2m to inf | 0.2m to inf |
| TV Distortion | | - 0.20% | - 0.20% | - 0.30% | 0.07% | -0.08% |
| Relative Illumination | F2.8 | 64% | 63% | 75% | 73% | 89% |
| | F4.0 | 84% | 88% | 95% | 96% | 97% |
| Mount | | C- Mount | C- Mount | C- Mount | C- Mount | C- Mount |
| Dimensions | | 43.2mmxΦ30mm | 40mmxΦ30mm | 46.7mmxΦ30mm | 49.2mmxΦ33mm | 60mmxΦ30mm |
| Filter Thread | | M25.5xP0.5 | M25.5xP0.5 | M25.5xP0.5 | M25.5xP0.5 | M25.5xP0.5 |
| Weight | | 70g | 58g | 66g | 99g | 98g |
| Working Temperature | | - 20°C~50°C | - 20°C~50°C | - 20°C~50°C | - 20°C~50°C | - 20°C~50°C |

A9- 6MP Series (1/1.8" 6MP)

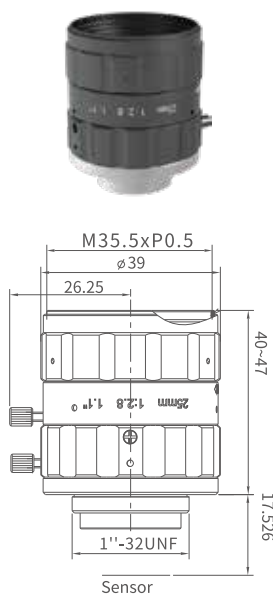
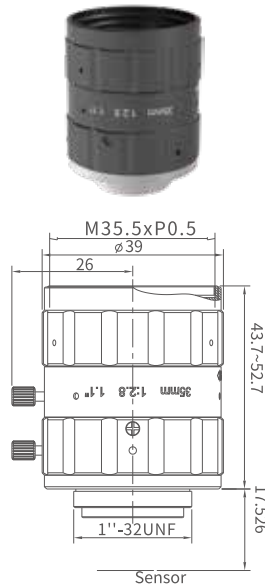
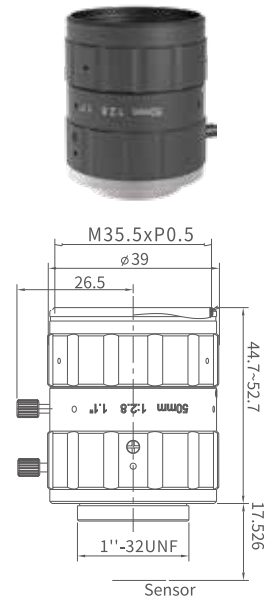
- Support up to 1/1.8" camera sensors
- 6 models, focal lens covering from 8mm-50mm
- Ultra high resolution for full 6MP camera in full of view, matching 2.4μm pixel size
- Ultra low distortion, chromatic color aberration design
- Compact design, easy for integration and installation
- Stable sharpness quality when temperature varies from -20° C ~ 50°C



| Model | A9-0828-6MP | A9-1228-6MP | A9-1628-6MP | A9-2528-6MP | A9-3528-6MP | A9-5028-6MP | |
|-----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|--------------------|--------------------|
| Effective Length | 8mm | 12mm | 16mm | 25mm | 35mm | 50mm | |
| Image Circle | Φ9.4mm | Φ9.4mm | Φ9.4mm | Φ9.4mm | Φ9.4mm | Φ9.4mm | |
| No. | F2.8 - 16 | F2.8 - 16 | F2.8 - 16 | F2.8 - 16 | F2.8 - 16 | F2.8 - 16 | |
| Angle of View | 1/1.8'' (7.37x4.9mm) | 58.94°x50.37°x34.81° | 42.9°x35.5°x23.7° | 31.3°x25.9°x17.2° | 20.7°x17.25°x11.55° | 15.2°x12.6°x8.3° | 10.05°x8.37°x5.58° |
| | 1/2'' (6.4mmx4.8mm) | 54.06°x44.4°x34.04° | 37.13°x30.08°x22.8° | 28.05°x22.6°x17.05° | 18.7°x15°x11.28° | 13.46°x10.78°x8.1° | 9.07°x7.27°x5.45° |
| Working Distance | 0.1m to inf | 0.1m to inf | 0.1m to inf | 0.15m to inf | 0.2m to inf | 0.25m to inf | |
| OP Distortion | - 0.28% | - 0.10% | -0.08% | -0.02% | -0.10% | 0.12% | |
| Relative Illumination | F2.8 | 80% | 78% | 85% | 92% | 95% | 90% |
| | F4.0 | 90% | 92% | 95% | 92% | 95% | 95% |
| Mount | C- Mount | C- Mount | C- Mount | C- Mount | C- Mount | C- Mount | |
| Dimensions | 35.4mm × Φ30mm | 30mm × Φ30mm | 36.9mm × Φ30mm | 33.5 × Φ30mm | 39.8 × Φ30mm | 48mm × Φ30mm | |
| Filter Thread | M27 × P0.5 | M27 × P0.5 | M27 × P0.5 | M27 × P0.5 | M27 × P0.5 | M27 × P0.5 | |
| Weight | 45g | 48g | 56g | 47g | 60g | 67g | |
| Working Temperature | - 20°C ~ 50°C | - 20°C ~ 50°C | - 20°C ~ 50°C | - 20°C ~ 50°C | - 20°C ~ 50°C | - 20°C ~ 50°C | |

MT- X series (1.1"20MP)

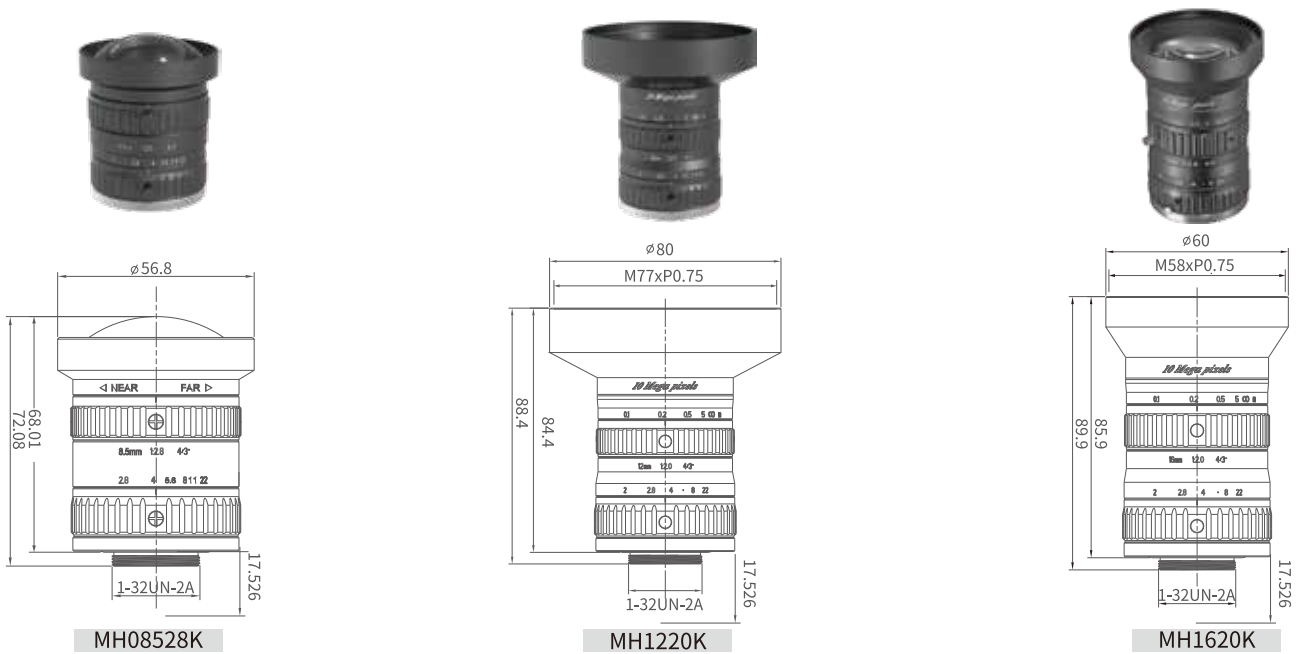
- Support up to 1.1 " camera sensors ($\Phi 17.6\text{mm}$);
- High resolution for 20 MP camera in full of view , matching $2.4\mu\text{m}$ pixel size ;
- Ultra low distortion , TV distortion less than 0.1% ;
- Stable sharpness quality when temperature varies from $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$;


MT2528X

MT3528X

MT5028X

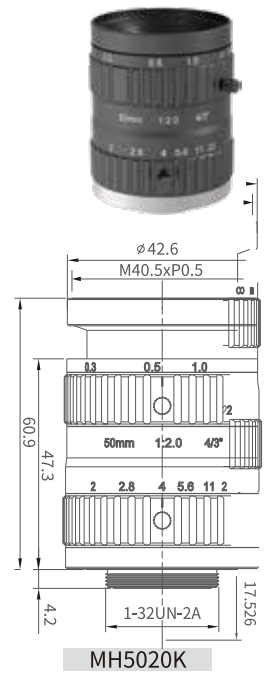
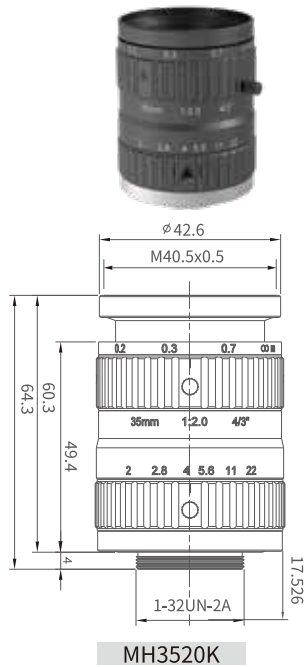
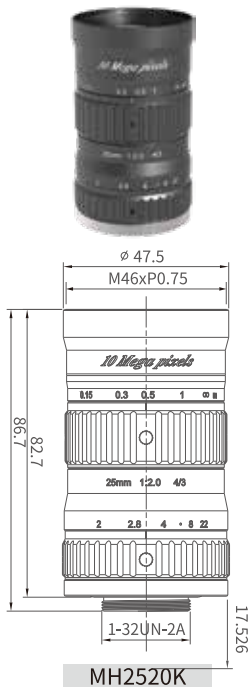
| Model | | MT2528X | MT3528X | MT5028X |
|-----------------------|------------------------|--|--|--|
| Focal Length | | 25mm | 35mm | 50mm |
| Image Circle | | $\Phi 17.6\text{mm}$ | $\Phi 17.6\text{mm}$ | $\Phi 17.6\text{mm}$ |
| F# | | F2.8 - F16 | F2.8 - 16 | F2.8 - F16 |
| Angle of View | 1.1''(14.08mmx10.56mm) | $38.8^{\circ}\times 34.7^{\circ}\times 23.5^{\circ}$ | $28.2^{\circ}\times 22.9^{\circ}\times 16.9^{\circ}$ | $20.0^{\circ}\times 16.2^{\circ}\times 11.9^{\circ}$ |
| | 1''(12.44mmx9.83mm) | $35.5^{\circ}\times 28.7^{\circ}\times 21.7^{\circ}$ | $25.8^{\circ}\times 20.7^{\circ}\times 15.6^{\circ}$ | $18.2^{\circ}\times 14.6^{\circ}\times 11.0^{\circ}$ |
| Working Distance | | 0.15m to inf | 0.2m to inf | 0.25m to inf |
| TV Distortion | | - 0.02% | - 0.07% | 0.07% |
| Relative Illumination | F2.8 | 82% | 93% | 92% |
| | F4.0 | 82% | 92% | 98% |
| Mount | | C- Mount | C- Mount | C- Mount |
| Dimension | | 47mmx $\Phi 39\text{mm}$ | 52.7mmx $\Phi 39\text{mm}$ | 52.7mmx $\Phi 39\text{mm}$ |
| Filter Thread | | M35.5xP0.5 | M35.5xP0.5 | M35.5xP0.5 |
| Weight | | 124g | 125g | 117g |
| Working Temperature | | $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$ | $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$ | $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$ |

MH-K series (4/3"10MP)

- Support up to 4/3 " camera sensors;
- 6 models , focal length covering from 8.5mm to 50mm ;
- High resolution for 10 MP camera in full of view , matching 4.5μm pixel size ;
- Low distortion , F2.0 large aperture ;
- Stable sharpness quality when temperature varies from -20°C ~ 50°C ;



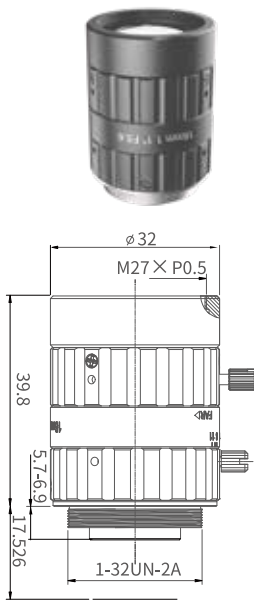
| Model | | MH08528K | MH1220K | MH1620K |
|-----------------------|---------------------|------------------------|-----------------------|-----------------------|
| Focal Length | | 8.5mm | 12mm | 16mm |
| Image Circle | | $\Phi 23$ mm | $\Phi 23$ mm | $\Phi 23$ mm |
| F# | | F2.8 - F22 | F2.0 - F22 | F2.0 - F22 |
| Angle of View | 4/3"($\Phi 23$ mm) | 107.4°x94.9°x80.1° | 89.0°x75.5°x61.1° | 72.9°x60.9°x47.3° |
| | 1"($\Phi 16$ mm) | 86.6°x73.6°x58.1° | 68.9°x57.3°x44.2° | 54°x44.2°x33.6° |
| Working Distance | | 0.5m to inf | 0.15m to inf | 0.1m to inf |
| TV Distortion | | -0.94% | 0.04% | -1.27% |
| Relative Illumination | Aperture | 38% | 43% | 43% |
| | F4.0 | 43% | 71% | 75% |
| Mount | | C- Mount | C- Mount | C- Mount |
| Dimensions | | 72.1mmx $\Phi 56.8$ mm | 84.4mm x $\Phi 80$ mm | 85.9mm x $\Phi 60$ mm |
| Filter Thread | | No | M77xP0.75 | M58xP0.75 |
| Weight | | 317g | 447g | 338g |
| Working Temperature | | - 20°C~50°C | - 20°C~50°C | - 20°C~50°C |



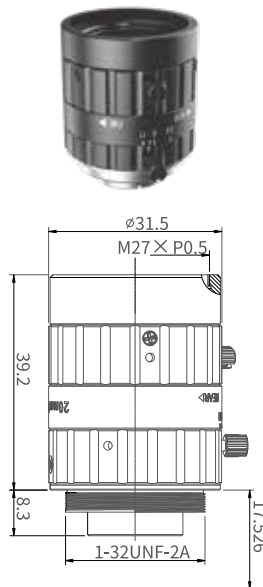
| Model | | MH2520K | MH3520K | MH5020K |
|-----------------------|-------------|-------------------|-------------------|-------------------|
| Focal Length | | 25mm | 35mm | 50mm |
| Image Circle | | Φ23mm | Φ23mm | Φ23mm |
| F# | | F2.0 - F22 | F2.0 - F22 | F2.0 - F22 |
| Angle of View | 4/3"(Φ23mm) | 49.7°x40.6°x31° | 36.6°x29.6°x22.4° | 25.9°x20.9°x15.7° |
| | 1"(Φ16mm) | 35.7°x28.8°x21.8° | 25.9°x20.8°x15.7° | 18.2°x14.6°x11.0° |
| Working Distance | | 0.15m to inf | 0.2m to inf | 0.3m to inf |
| TV Distortion | | -0.25% | -0.22% | -0.11% |
| Relative Illumination | F2.0 | 38% | 45% | 50% |
| | F4.0 | 75% | 76% | 90% |
| Mount | | C- Mount | C- Mount | C- Mount |
| Dimensions | | 82.7mm x Φ47.5mm | 64.3mm x Φ44.6mm | 60.9mm x Φ42.6mm |
| Filter Thread | | M46xP0.75 | M40.5 x P0.5 | M40.5xP0.5 |
| Weight | | 251g | 173g | 170g |
| Working Temperature | | - 20°C~50°C | - 20°C~50°C | - 20°C~50°C |

Industry lenses

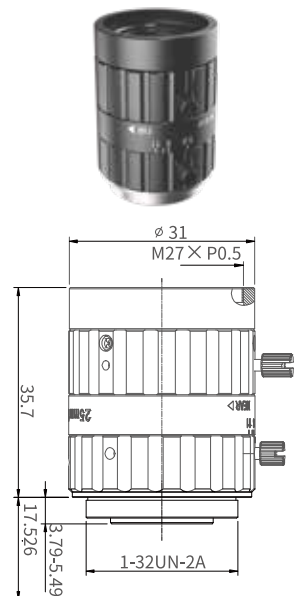
- Customized lens for code reading in logistics, cost effective
- High resolution , matching up to 1.85μm pixel size
- Low distortion , TV distortion less than 1%
- Small size structure suitable for system integration and installation
- Stable sharpness quality when temperature varies from -20°C ~ 50°C



MH1656XR



MH2056XR

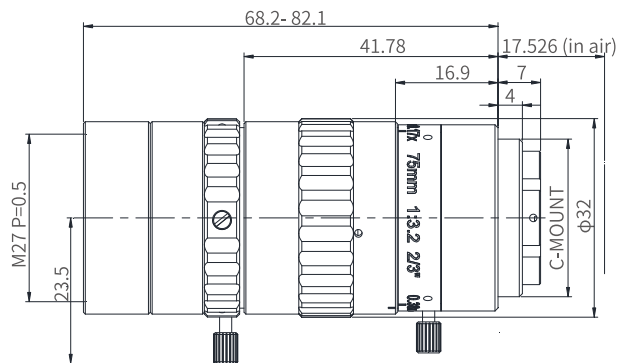


MH2556XR

| Model | | MH1656XR | MH2056XR | MH2556XR |
|-----------------------|--------------------|----------------------|----------------------|---------------------|
| Effective Length | | 16mm | 20mm | 25mm |
| Image Circle | | 1"(φ16) | 1"(φ16) | 1"(φ16) |
| F# | | F5.6 - 11 | F5.6 - 11 | F5.6 - 11 |
| Angle of View | 1"(13.12mmx8.76mm) | 52.5°x44.6°x30.6° | 43.25°x36.3°x24.5° | 34.9°x29.2°x19.6° |
| | 2/3"(8.5mmx7.12mm) | 38.94°x30.33°x25.58° | 31.09°x24.07°x20.25° | 25.2°x19.45°x16.34° |
| Working Distance | | 0.5m to inf | 0.5m to inf | 0.5m to inf |
| TV Distortion | | -2% | -1.7% | -1.4% |
| Relative Illumination | F5.6 | 85% | 85% | 92% |
| | F8.0 | 86% | 88% | 92% |
| Mount | | C- Mount | C- Mount | C- Mount |
| Dimensions | | 39.8 x φ32mm | 39.2 x φ31.5mm | 35.7 x φ31mm |
| Filter Thread | | M27×P0.5 | M27×P0.5 | M27×P0.5 |
| Weight | | 50g | 56g | 60g |
| Working Temperature | | -20°C~50°C | -20°C~50°C | -20°C~50°C |

MH7532M (2/3" -75mm short WD lens)

- Support up to 2/3" camera sensors
- Ultra high resolution, 8MP resolution in full of view, matching up to 2.4µm pixel size
- Magnification coverage 0.17~1
- Ultra low distortion, optimized chromatic aberration design
- Anti-seismic rate 3M7, meet precision position andent measurem application
- Stable sharpness quality when temperature varies from -20°C ~ 50°C

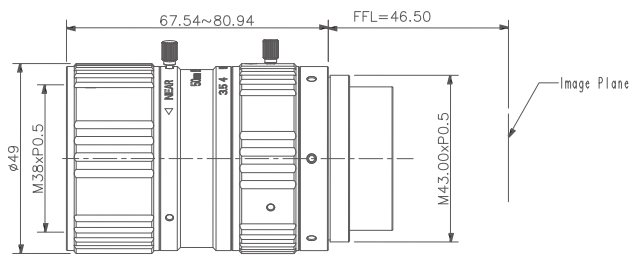


MH7532M

| | | |
|-----------------------|-------------|----------------|
| Model | | MH7532M |
| Effective Length | | 75mm |
| Image Circle | | Φ11.4mm(2/3") |
| FNo | | F3.2 - F16 |
| Angle of View | 2/3", 0.18x | 47.2x39.4mm |
| | 2/3", 0.38x | 22.4x18.6mm |
| Working Distance | | 0.15m to 0.5m |
| TV Distortion | | 0.07% |
| Relative Illumination | F3.2 | 85% |
| | F4.0 | 95% |
| Mount | | C-Mount |
| Dimensions | | 82.1mm × Φ32mm |
| Filter Thread | | M27 × P0.5 |
| Weight | | 120g |
| Working Temperature | | - 20°C~50°C |

31 MP full frame

- Support up to $\Phi 32\text{mm}$ camera sensors ;
- Ultra-high resolution , full-frame resolution of 31 MP camera , matching $3.45\mu\text{m}$ pixel size ;
- Ultra low distorton , TV distortion less than 0.1% ;
- Stable sharpness quality when temperature varies from $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$;

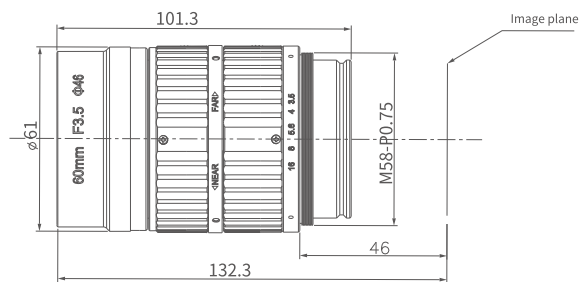


F32-5035-M43

| | | |
|-----------------------|--------------------------------|--|
| Model | | F32-5035-M43 |
| Focal Length | | 50mm |
| Image Circle | | 2" ($\Phi 32\text{mm}$) |
| F# | | F3.5 - F11 |
| Angle of View | 2"($\Phi 32\text{mm}$) | $34.5^{\circ} \times 28.4^{\circ} \times 22.1^{\circ}$ |
| | $\Phi 28.6\text{mm}$ (4K- 7um) | 30.8° |
| FBL | | 46.5mm |
| Working Distance | | 0.2m to inf |
| TV Distortion | | 0.07% |
| Relative Illumination | F3.5 | 58% |
| | F4.0 | 63% |
| Mount | | M43xP0.5 |
| Dimensions | | 80.94mmx $\Phi 49\text{mm}$ |
| Filter Thread | | M38xP0.5 |
| Weight | | 406g |
| Working Temperature | | $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$ |

65 MP full frame

- Support up to $\Phi 46\text{mm}$ camera sensors ;
- Ultra-high resolution , full-frame resolution of 65 MP camera , matching $3.2\mu\text{m}$ pixel size ;
- Ultra low distortion , TV distortion less than 0.1% ;
- Stable sharpness quality when temperature varies from $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$;



F46-6035-M58

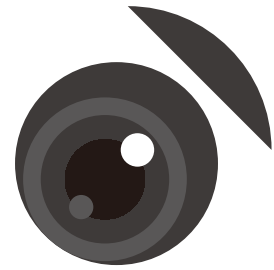
| | | |
|-----------------------|--|--|
| Model | F46-6035-M58 | |
| Focal Length | 60mm | |
| Image Circle | $\Phi 46\text{mm}$ | |
| F# | F3.5 - F16 | |
| Angle of View | $\Phi 46\text{mm}$ | $34.9^{\circ} \times 26.7^{\circ} \times 23.1^{\circ}$ |
| | $\Phi 34.7\text{mm}$ (65MP) | $28.4^{\circ} \times 21.9^{\circ} \times 18.8^{\circ}$ |
| FBL | 46mm | |
| Working Distance | 0.32m to inf | |
| TV Distortion | - 0.03% | |
| Relative Illumination | F3.5 | 62% |
| Mount | M58xP0.75 | |
| Dimensions | 101.3mmx $\Phi 61\text{mm}$ | |
| Filter Thread | No | |
| Weight | 503g | |
| Working Temperature | $- 20^{\circ}\text{C} \sim 50^{\circ}\text{C}$ | |

Line Scan Series Lens

- Support up to $\phi 32$ 、 $\phi 60$ camera sensors
- Various magnification lens are available
- Match 4K/8K/16K line scan cameras
- Low distortion design

| Focal | Magnification | Iris | Mount | Sensor Size | Match Camera |
|-------|---------------|---------|-------|--------------|-----------------------------|
| 20mm | 0.02~0.1x | F4.5-C | M42 | $\phi 30$ mm | |
| 25mm | 0.03-0.2x | F2.8-16 | M42 | $\phi 30$ mm | 2K-14um 4K-7um line scan |
| 28mm | 0.05-0.3X | F4.0-C | M42 | $\phi 30$ mm | |
| 35mm | 0.01-0.5X | F4.0-16 | M42 | $\phi 30$ mm | |
| 40mm | 0.04-0.33X | F2.8-11 | M42 | $\phi 43$ mm | |
| 50mm | 0-0.25X | F3.5-11 | M43 | $\phi 32$ mm | |
| 80mm | 0.04-0.33X | F4.0-22 | M42 | $\phi 80$ mm | |
| 40mm | 0.02-0.16X | F4.0-22 | M72 | $\phi 60$ mm | |
| 60mm | 0-0.07X | F5.6 | F | $\phi 60$ mm | |
| 60mm | 0.04-0.33X | F4.0-32 | M72 | $\phi 60$ mm | |
| 80mm | 0.04-0.33X | F4.0-22 | M72 | $\phi 80$ mm | |
| 90mm | 0.08-0.14X | F4.0-16 | M72 | $\phi 64$ mm | |
| 95mm | 0.03-0.08X | F4.0-16 | M72 | $\phi 62$ mm | |
| 116mm | 0.31-0.36X | F4.2-16 | M72 | $\phi 60$ mm | 8K/16K line scan |
| 116mm | 0.46-0.54X | F3.8-16 | M72 | $\phi 60$ mm | |
| 116mm | 0.66-0.75X | F3.8-16 | M72 | $\phi 60$ mm | |

iRAYPLE Camera SDK



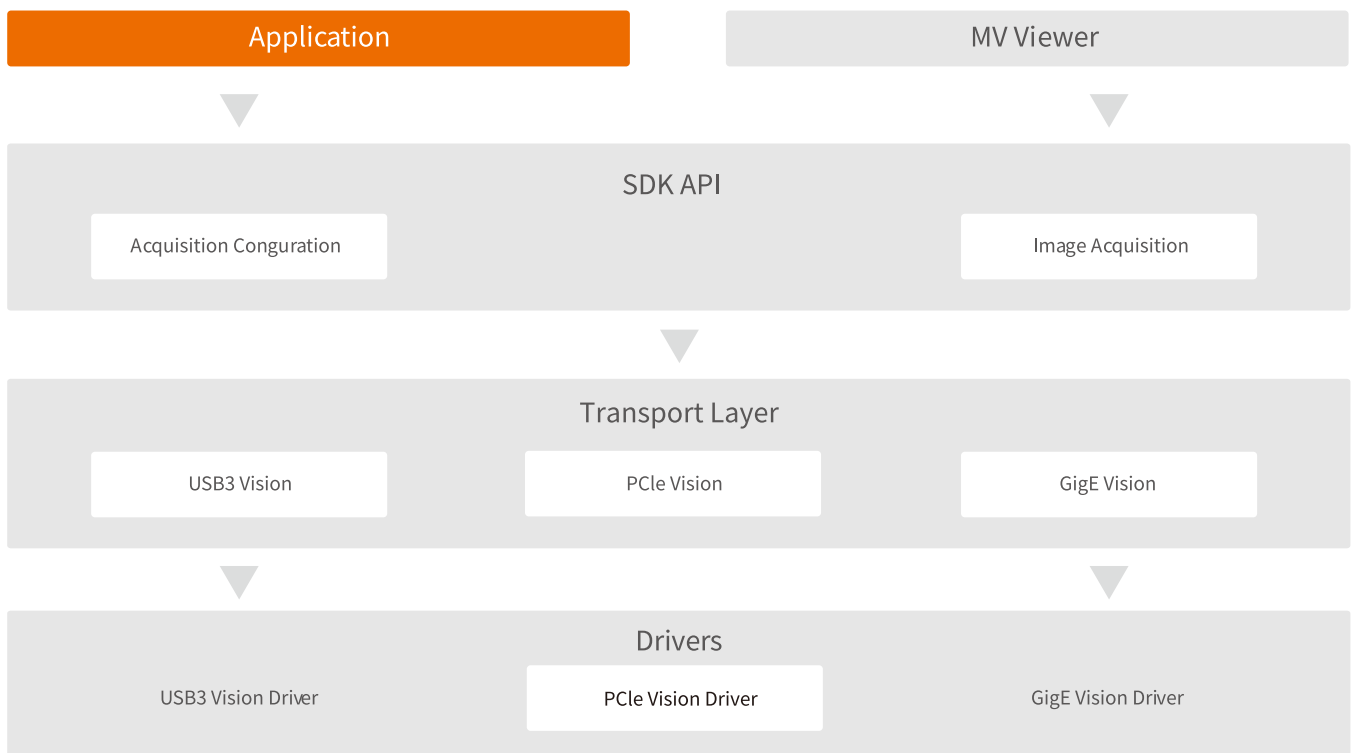
MACHINE VISION

- iRAYPLE SDK fully conforms to GenICam standards
- Transport layer is provided in manner of plug-ins, which is not visible to the applications, and more scalable
- Adequate API interfaces support secondary development with high efficiency
- Support Halcon, Sherlock, Labview and some other 3rd-party platforms
- GigE Vision high-performance driver improves the capability of integrating and processing of image data packet while reducing the CPU usage of computer
- USB3 Vision driver supports USB3.0 Vision standards, and enables high-speed image data transmission at USB3.0 bandwidth
- Users can use the MV Viewer to configure the camera parameters, grab, display and save the images

Camera Software Development Kit supports all iRAYPLE Area/Line Scan Industrial Cameras. It enables achieving stable and reliable data exchange between the industrial camera and computer, facilitating rapid secondary development for users.

iRAYPLE SDK supports Windows/Linux 32bit/64bit platforms and includes the following modules:

- GigE Vision high-performance driver;
- USB3 Vision high-performance driver;
- SDK(Support C, C++, C#, VB.NET, Python, Delphi, Java and etc)
- MV Viewer



MAKE FACTORY SMARTER

※ This manual will provide accurate information as far as possible, but there may still be errors, for reference only.
Product information is subject to update without prior notice, and our company is not responsible for the resulting liability.

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