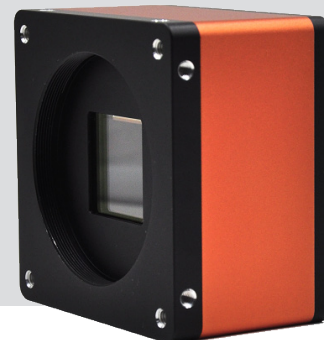




Mars12MC-188xm/xc-M58

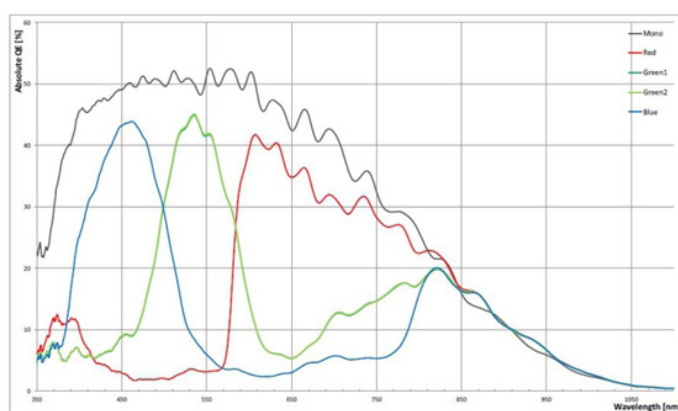
- 12MP @188 fps
- CoaXPress uses CXP-6, theoretical bandwidth 4 x 6.25Gbps
- Compatible with CoaXPress Protocol, GenICam Standard, and the third-party software based on these protocol and standard
- Support Windows operating platform
- Support PoCXP power supply and DC 24V power supply

**Applied range** • Printing • Textile • Railway • Logistics • Metallurgy • Food • Pharmaceutical • Material sorting

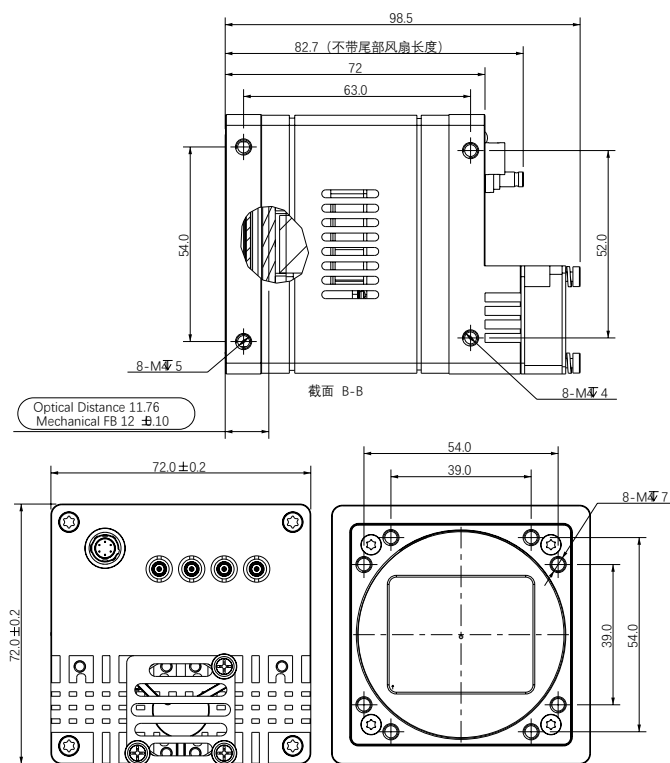


| Camera                     | Mars12MC-188xm/xc-M58                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------------|
| Resolution [H*V]           | 4096 x 3072                                                                                               |
| Sensor                     | CMV12000                                                                                                  |
| Pixel Size [μm]            | 5.5 × 5.5                                                                                                 |
| Frame Rate [fps]           | 188                                                                                                       |
| Data Bit                   | 12bit                                                                                                     |
| Exposure Time              | 1μs~1s                                                                                                    |
| Dynamic Range              | 60dB                                                                                                      |
| Mono/Color                 | Mono / Color                                                                                              |
| Image Format               | Mono: Mono8/10/12<br>Color: BayerGR8/10/12,BayerRG8/10/12,<br>BayerGB8/10/12,BayerBG8/10/12               |
| Interface                  | CoaXPress                                                                                                 |
| Synchronization            | Via hardware trigger、software trigger or<br>free run mode                                                 |
| Programmable Control [ISP] | Image resolution、RGB Gain、Exposure time、<br>Gamma form、Image rollovers、Raw、LUT、<br>Black level correction |
| Housing Size [l*w*h]       | 72.0 × 72.0 × 72.0 mm (720g)                                                                              |
| Operating Temperature      | -30~80 ° C (Storage), -30~50° C (Working)                                                                 |
| Lenses Mount               | M58*0.75(FBL 12)                                                                                          |
| Digital I/O                | 6-pin Hirose interface:<br>Configurable input and output x 3;                                             |
| Power Input                | PoCXP / DC 24V                                                                                            |
| Power Consumption          | 24V@ ≈ 15W                                                                                                |
| Driver                     | Frame Grabber control software compliant with<br>CoaXPress protocol                                       |
| Operating System           | Windows                                                                                                   |
| Conformity                 | CoaXPress, GenICam                                                                                        |

### Spectral Response



### Dimensions



No.8, Xiyuan 9th Road West Lake District, Hangzhou 310030 China

Tel: 86-571-86888309, 86-571-86888307

Web: [www.visiondatum.com](http://www.visiondatum.com)

Email: [market@visiondatum.com](mailto:market@visiondatum.com)

