

## 産業用カメラ

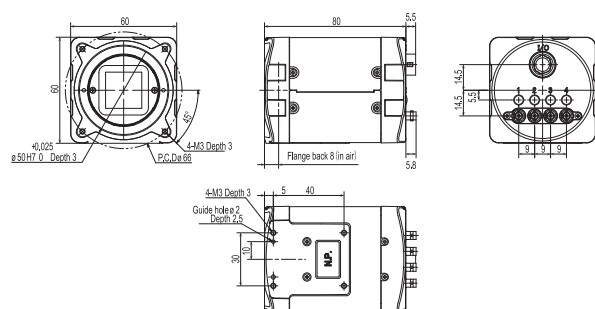
## CoaXPress

12M / 26M / 37M / 65M / 67M

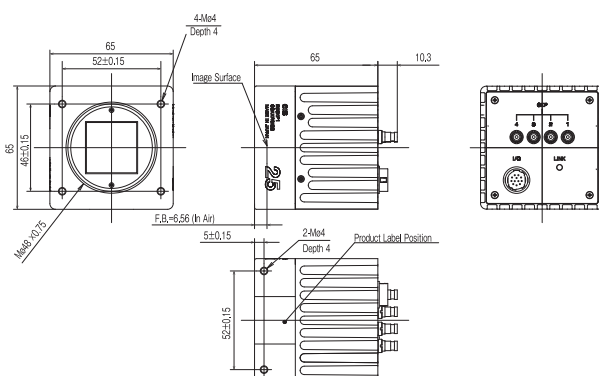
高速フォーマットのCoaXPressインターフェースのカメラになります。  
 CXP-12 Quad の採用により、USB3.0の10倍、  
 CameraLink (Full configuration) の7倍の帯域を実現。  
 スループット向上により、タクトタイム短縮に貢献します。



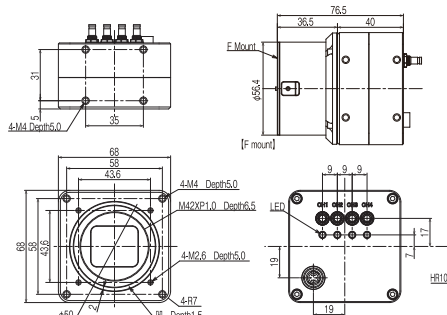
EX360&amp;670AMG



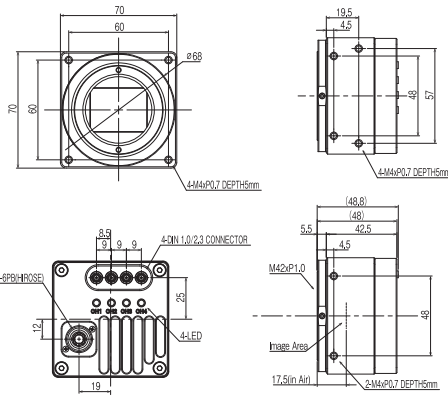
VCC-25CXP1



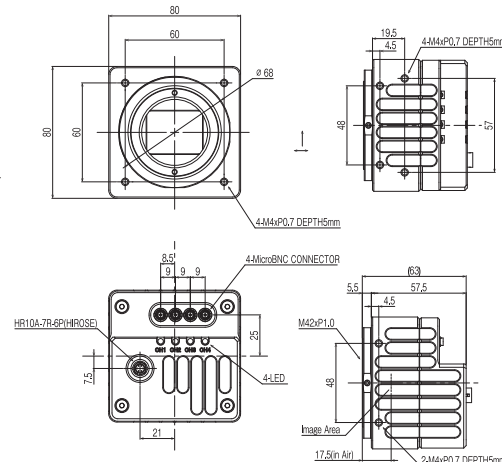
STC-CMB120ACXP



BC-GM65M6X4H



BC-GM65M12X4



映像機器

IMAGE EQUIPMENT

## Specification

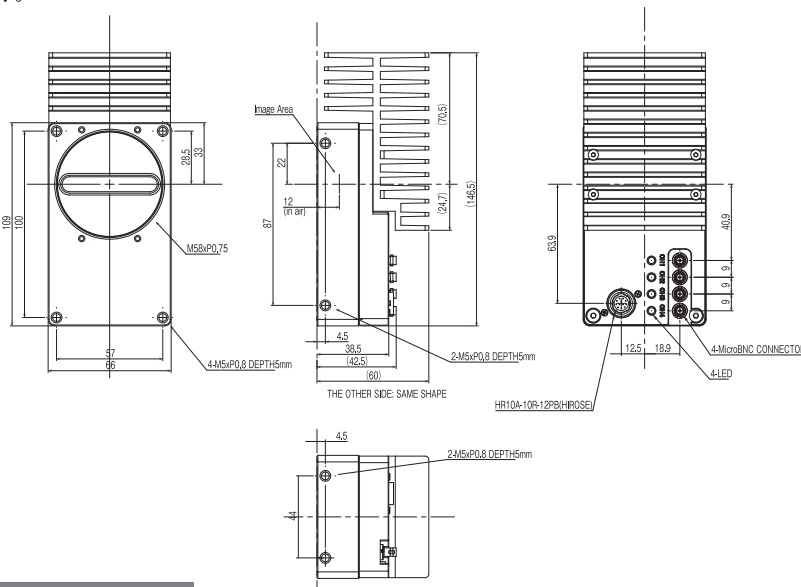
| Model                    | STC-CMB120ACXP                              | VCC-25CXP1M            | VCC-25CXP1M-F         | EX370BMG-X                         | BC-GM65M6X4H                               | BC-GM65M12X4                               | EX670AMG-X                         |
|--------------------------|---------------------------------------------|------------------------|-----------------------|------------------------------------|--------------------------------------------|--------------------------------------------|------------------------------------|
| Image sensor             | APS-like CMOS                               | APS-H CMOS             | 1.1" CMOS             | 4/3" CMOS                          | 2.3" CMOS                                  | 2.3" CMOS                                  | 1.8"(APS-C) CMOS                   |
| Max. output image size   | ams OSRAM 12.6M                             | onsemi 26M             | Gpixel 26M            | e2V 37.7M                          | Gpixel 65M                                 | Gpixel 65M                                 | e2V 67M                            |
| All pixel read out       | 4096×3072                                   | 5120×5120              | 5120×5120             | 6144×6144                          | 9344×7000                                  | 9344×7000                                  | 8192×8192                          |
| Pixel size (H)×(V)μm     | 5.5×5.5                                     | 4.5×4.5                | 2.5×2.5               | 2.5×2.5                            | 3.2×3.2                                    | 3.2×3.2                                    | 2.5×2.5                            |
| Imaging Area (mm)        | 22.5×16.9                                   | 23.04×23.04            | 12.8×12.8             | 15.36×15.36                        | 29.9×22.4                                  | 29.9×22.4                                  | 20.48×20.48                        |
| Frame rate               | 186.9fps(CXP6_x4)                           | 81.83fps(CXP6_x4)      | 150fps(CXP12_x4 8bit) | 115fps(CXP-12 Quad)                | 35.5fps(CXP6_x4)                           | 71fps(CXP12_x4)                            | 64.5fps(CXP-12 Quad)               |
| Mount                    | M42 / F-mount                               | M48                    |                       | φ50 H7<br>(option : M42 / F-mount) | M42 / F-mount                              | M42 / F-mount                              | φ50 H7<br>(option : M42 / F-mount) |
| Sensitivity              | 370lx, F5.6, 1/30s                          | 400lx, F8, 1/30s       | 400lx, F2.8, 1/150s   | TBD                                | 990lx, F5.6, 1/30s                         | 990lx, F5.6, 1/30s                         | 2,500lx, F8, 1/66.8s               |
| Power supply             | PoCXP (Power Over CoaXpress)<br>+18.5~26Vdc | PoCXP<br>DC+12~24V±10% | DC+12V±10%            | PoCXP / 24V                        | PoCXP / DC12V(±10%)                        | PoCXP / DC12V(±10%)                        | PoCXP / 24V                        |
| Power consumption        | Less than 10W                               | Less than 10.6W        | Less than 15.5W       | TBD                                | Less than 6.4W                             | Less than 8.7W                             | Less than 13W                      |
| Dimensions (W)×(H)×(D)mm | 68mm×68mm×40mm<br>[straight]                | 65mm×65mm×65mm         | 125mm×65mm×93.3mm     | 60mm×60mm×80mm                     | M42:<br>70mm×70mm×48mm<br>F:70mm×70mm×77mm | M42:<br>80mm×80mm×63mm<br>F:80mm×80mm×92mm | 60mm×60mm×80mm                     |
| Weight                   | Approx. 395g                                | Approx. 290g           | Approx. 685g          | TBD                                | M42: Approx. 410g<br>F: Approx. 500g       | M42: Approx. 730g<br>F: Approx. 735g       | Approx. 280g                       |

## Two high-power electronic modules, likely power amplifiers or transmitters, are shown. They feature large, black, finned heat sinks for thermal management. The module on the left is black with a circular cutout, while the one on the right is yellow with a circular cutout and a connector panel.

# BL-GM9K12X4

## ■ Specification

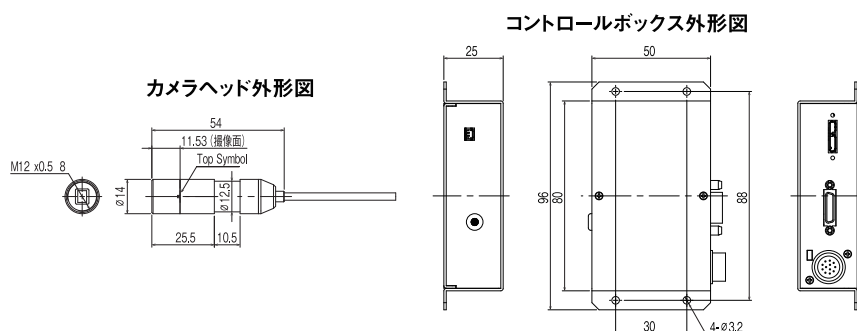
| Model                    | BL-GM9K12X4                        |
|--------------------------|------------------------------------|
| Image sensor             | TDI LineScan Back-Illuminated CMOS |
| Imaging Area (mm)        | Gpixel 9K                          |
| All pixel read out       | 9072×288                           |
| Pixel size (H)x(V)μm     | 5.0×5.0                            |
| Imaging Area (mm)        | 45.36×1.44                         |
| Frame rate               | 529kHz(Max)                        |
| Mount                    | M58 / M72 / F                      |
| Sensitivity              | -                                  |
| Power supply             | DC+5V±5%(USB standard)             |
| Power consumption        | Typical 16W                        |
| Dimensions (W)x(H)x(D)mm | M58:66×109×38.5                    |
| Weight                   | Approx. 810g                       |



## ヘッド分離式小型エリアカメラ

# ID1MB-UCL / ID1MBx2-UCL

着脱式ロボットケーブル対応やLアングルヘッド対応可能です。お問い合わせください。



## ■ Specification

| Model                    | ID1MB-UCL/MC-UCL                                                                      | ID1MBx2-UCL/MCx2-UCL                                                                            |
|--------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Image sensor             | 1/3" CMOS                                                                             |                                                                                                 |
| Max. output image size   | onsemi 1.2M                                                                           |                                                                                                 |
| All pixel read out       | 1288×972                                                                              |                                                                                                 |
| Pixel size (H)x(V)μm     | 3.75×3.75                                                                             |                                                                                                 |
| Imaging Area (mm)        | 4.8×3.6                                                                               |                                                                                                 |
| Frame rate               | USB3.0・CameraLink:54.08fps<br>USB2.0:15.01fps                                         | USB3.0_RAW8/CameraLink2tap:54.08 fps<br>USB3.0_UVC/CameraLink1tap:29.18 fps<br>USB2.0:7.507 fps |
| Mount                    | M12 (standard) / M10.5 (option adapter)                                               |                                                                                                 |
| Sensitivity              | MB:2,000lx, F8, 1/54s<br>MC:2,000lx, F5.6, 1/54s                                      | MB:2,000lx, F11, 1/29s<br>MC:2,000lx, F8, 1/29s                                                 |
| Power supply             | DC+5V±5% (USB standard)<br>DC+12V±10% (12pin/PoCL)                                    |                                                                                                 |
| Power consumption        | Less than 2.4W                                                                        | Less than 3.3W                                                                                  |
| Dimensions (W)x(H)x(D)mm | head:φ14.0mm L:54.0mm<br>cable:φ3.0mm L:2000mm<br>control box:96mm(W)×25mm(H)×50mm(D) |                                                                                                 |
| Weight                   | Approx. 110g                                                                          | Approx. 145g                                                                                    |

映像機器