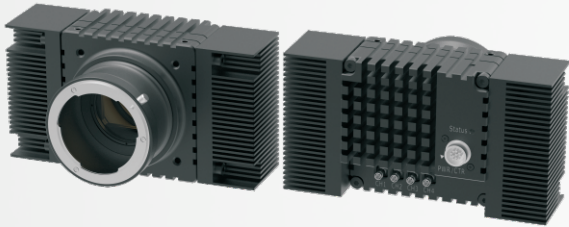


65 MP High-Resolution Global CoaXPress Camera

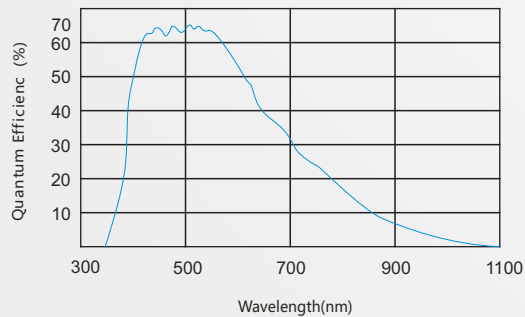
INDIGO
IMAGING



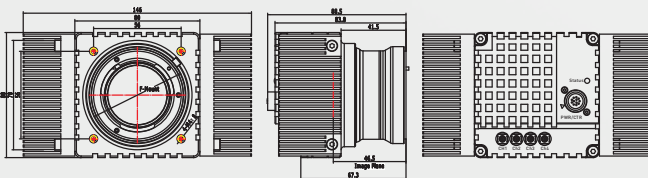
ADVANTAGE

Resolution: 9344x7000
 GMAX 3265
 30fps@Full resolution
 3.2μm x 3.2μm Pixel size fits a variety of lenses
 High sensitivity
 High dynamic range
 Low noise
 Wide operating temperature: -50°C~50°C

Quantum Efficiency



Mechanical Design



Key features

| | |
|----------------------|--|
| Model | IDG-6500-M-G-CXP6 |
| Sensor | GMAX 3265 |
| Resolution | 30fps@8bit, 15fps@12bit, 30fps@2x2bin |
| Color/Monochrome | Monochrome |
| Sensor size | 2.3inch(29.9mm x 22.4mm) |
| Pixel size | 3.2μm x 3.2μm |
| Resolution | 9344 x 7000 |
| QE | > 65% @500nm |
| Dynamic range | > 60dB |
| Full Well | > 10ke- |
| SNR | > 40dB |
| Data bit | 12bit / 8bit |
| Exposure time | 20us - 10s |
| Gain | Analog analog gain1-4 , Digital gain 1-10 |
| Trigger mode | Free Run, External Trigger |
| Image processing | DPC,FCC,ROI,2x2binning,DSNU,Mirror,Flip,Blacklevel |
| Optical mount | M58 x 0.75 / F Mount |
| Data interface | CoaXPress(4 x DIN 1.0/2.3) |
| Control | CoaXPress6 |
| supporting agreement | GenICam |
| Power supply | 12VDC ~ 36VDC |
| Power consumption | 15W |
| Dimensions | 80mm x 80mm x 88.5mm (Without heat sink) 146mm x 80 x 88.5mm (With heat sink) |
| Weight | 474g (Without heat sink) 760g (With heat sink) |
| Working temperature | -50°C ~ 50°C |
| Storage temperature | -55°C~70°C |
| Vibration order | 5G |



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