



EVO Series

1 TO 12 MEGAPIXEL

available in B/W & Color



EVO Camera Link Cameras

High performance thanks to mature sensor knowledge. Precisely this allows in the Camera Link versions of the EVO the extra frame rate – often critical to your advantage. Available are resolutions from 1 to 8 megapixels with the best of the CCD technology. Identical and easy integration into your system and maximum camera technology in the smallest package.

- > Camera Link data interface
- > Camera Link standard compatible
- > Particle Image Velocimetry (PIV-Mode)
- > Power over Camera Link (PoCL)

EVO GigE Vision Cameras

Thanks to the dual GigE connection EVO GigE cameras offer a maximum data rate of 240 MByte/s, fully utilizing the possible data rates this sensor class (4-tap ON Semiconductor CCDs, or modern first class CMOS sensors). The GigE Vision and GenICam standards ensure rapid integration into the application software and enable safe, cost-effective transmissions of the image data over a distance of 100 m with standard network technology. Maximum camera technology in the smallest package.

- > Resolutions from 1 to 12 Mpx
- > Dual GigE Vision Data-Interface with increased data rates up to 240 MB / sec
- > Compatible with GigE Vision and GenICam Standard
- > Cable lengths up to 100 meters are possible
- > Any desired AOI (Area Of Interest) possible
- > SDK for Windows (32/64 bit) and Linux available

| Model | MP | Resolution pixels | Format | Sensor | Pixel μm | Architecture | Mount | Max. Frame rate (fps) | |
|----------|----|-------------------|--------|--------------------|---------------------|--------------|-------|-----------------------|------------|
| | | | | | | | | GigE | CameraLink |
| evo1050 | 1 | 1024x1024 | 1/2" | On-Semi KAI-01050 | 5.5 | CCD | C | 147 | 180 |
| evo2050 | 2 | 1600x1200 | 2/3" | On-Semi KAI-02050 | 5.5 | CCD | C | 81 | 106 |
| evo2150 | 2 | 1920x1080 | 2/3" | On-Semi KAI-02150 | 5.5 | CCD | C | 78 | 100 |
| evo4050 | 4 | 2336x1752 | 1" | On-Semi KAI-04050 | 5.5 | CCD | C | 41 | 52 |
| evo4070 | 4 | 2048x2048 | 1" | On-Semi KAI-04070 | 7.4 | CCD | M42 | 39 | 44 |
| evo8051 | 8 | 3296x2472 | 4/3" | On-Semi KAI-08051 | 5.5 | CCD | M42 | 21 | 26 |
| evo12040 | 12 | 4016x3016 | 4/3" | On-Semi KAI-012040 | 4.7 | CMOS | M42 | 15 | - |