



SVS-VISTEK

a TKH Vision brand



2025 | 10

Industrial Vision Cameras

made by SVS-Vistek

Compact, High-Resolution, Invisible
Wavelength & High-Speed Cameras

MIKROTRON
a TKH Vision brand

USB VISION | GIGE VISION | 10 GIGE VISION | 25 GIGE VISION +RDMA | 100 GIGE VISION +RDMA | CameraLink | CXP | CXP-12 GENICAM | LW MICRO | SWIR SHORT WAVELENGTH | UV ULTRAVIOLET | POL POLARIZATION

Scale your vision.

TKH A TKH TECHNOLOGY COMPANY

Feature List



EXO

FXO

HR

SHR

		Compact	High Resolution					
Sensor	1.6 to 31.4 Mpixel, CMOS	5 to 24.6 Mpixel, CMOS	25 to 65 Mpixel, CMOS	47 to 245 Mpixel, CMOS				
	Sony and CMOSIS	Sony	Sony / Gpixel / ON Semiconductor	Sony				
	mono and color versions, Polarized, SWIR	mono and color versions, UV, SWIR	mono and color versions					
	global shutter / rolling shutter	global shutter	global shutter / rolling shutter					
	GigE Vision, Camera Link Base or USB3 Vision	10GigE Vision, 25GigE Vision +RDMA, 100GigE +RDMA, 1x CoaXPress-12, 2x CoaXPress-12	10GigE Vision, Camera Link, 4x CoaXPress-6, 4x CoaXPress-12	10GigE or 4x CoaXPress-6, 4x CoaXPress-12				
Camera Hardware Features	256 MB internal memory	1024 MB internal memory	512 MB internal memory	512 MB internal memory				
	8 or 12 bit pixel format	8, 10 or 12 bit pixel format	8, 10, 12 or 16 bit pixel format					
	PoE, PoCL, PoUSB	PoE+, PoCXP	PoE+(optional), PoCL, PoCXP	PoE+(optional), PoCXP				
	C mount, M42, MFT, EF mount	C mount, EF mount	M58(FFD 11.48), EF mount, RF mount(on demand)	M72 Mount (FFD 19.55)				
	Lens Mount Adapters available							
Camera Firmware Features	TEC Cooled Option		TEC Cooled Version	TEC Cooled Version				
	50x50xX mm (M42: 58x58xX)		70x70xX mm (dep. on sensor)	80x80xX mm (dep. on sensor)				
	precision machined housing							
	**manual or auto tap balancing							
	2x2 binning							
Camera Firmware Features	horizontal and vertical image flip							
	custom defect pixel corr. - defect pixel map *							
	shading correction							
	AOI / ROI (area of interest / region of interest)							
	read out control (GigE only)							
Standards	white balance (manual / auto)							
	exposure time control (manual, auto or external)							
	gain (manual or auto)							
	adjustable offset							
	LUT (lookup table)							
I/O Features	trigger mode (internal, software or external)							
	integrated temperature sensor - SDK accessible							
	GenICam compatible							
	compatible with most 3rd party software							
	   		    					
4x open drain outputs								
strobe controller - in-camera LED light driver/controller, up to 3A (depending on series) - easy synchronization								
sequencer - up to 32 programmable intervals with individual exposure and strobe out								
programmable logic I/O functionality with timers								
PWM - high frequency pulse width modulation								
signal safe through high-low filter, debouncer and prescaler for trigger input								
versatile I/O concept: 24 V signal levels - RS232 / RS422 differential signal								


EoSens
MotionBLITZ® (Recording)
High Speed

1.1 to 21 Mpixel	1.1 to 3 Mpixel
Luxima, OnSemi, Alexima, Gpixel	Luxima, OnSemi, Micron
	SMR and Quad1.1S: mono and color Mini and Cube: mono
global shutter	
Camera Link, 4 x CoaXPress-6, 4 x CoaXPress-12, 10GigE	GigE, 10GigE
not available	2,048 MB to 2.6 TB internal internal memory
8 or 10 bit pixel format	8 bit pixel format
PoCXP	
C mount, F mount, M42, M58, flat front	C mount, FG Mount
Lens Mount Adapters	Lens Mount Adapters
CL: 60 x 60 x X; CXP6 and CXP12: 80 x 80 x X (dep. on sensor)	Quad: 65 x 65 x X (dep. on sensor); Mini: 63 x 63 x X (dep. on mount); Cube: 69 x 93 x X (dep. on mount); SMR: 95 x 95 x X (dep. on mount)

EoSens 9.5, EoSens 10 and EoSens 21

	only available for Cube4, mini1 and mini2	

Digital and analog

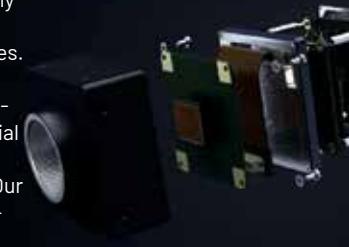
Camera Concept

Modular Building Blocks



The modular architecture of SVS-Vistek cameras enables a simplified camera design with proven modular functionality. Individual components can be combined to create an individual solution. This allows us to quickly integrate new cameras variants, sensors and special requests into our camera series.

Many industrial applications require cameras with special features. Be it just a special paint job, a specific lens mount, a special interface or a special firmware function. Our OEM customers benefit from this modularity through short development times and attractive pricing.



Design

- OEM Design for system integration
- Flexible and scalable with identical connector pinout in all camera series
- Individual custom OEM designs for system integrators
- Industrial long-term support of cameras
- Wide power supply range 10 – 25 V



Engineering and Production

- Excellent optical precision
- Precise and rugged long life mechanical design
- Advanced temperature management
- Industrial protection class up to IP67



Unique Features

- PWM power drives for LED lights(LED)
- Programmable sequencer for shutter and LEDS (SEQ)
- Programmable I/O logic (PLC)
- Burst mode (BST)
- Safe trigger (STT)
- Precision time protocol (PTP)
- Particle image velocimetry (PIV)
- Dynamic lens control (MFT)
- Thermo Electric Cooled (TEC) Option



Powerful I/O Concept

- Hirose and industrial M12 connectors
- Configurable I/O matrix
- Up to 4 x power PWM OUT max 3 A (depending on series)
- Up to 4 x trigger IN, TTL-24V
- Up to 2 x optical IN
- RS232 or RS422 IN/OUT



Software

- Works with any GenICam camera
- Windows, Linux and macOS supported (x64, x86, ARM)
- Compliant with standards such as USB3 Vision, CoaXPress, GigE Vision, GenICam, Camera Link
- GenICam transport Layer for out-of-the-box compatibility to nearly all Machine Vision software



Compact cameras

EXO series

e.g. OR-Code reading

LED INTEGRATED LED-CONTROLLERS SEQ INTEGRATED SEQUENCER STT SAFE TRIGGER TECHNOLOGY BST BURST MODE TECHNOLOGY PLC PROGRAMMABLE LOGIC CONTROL

50 mm x 50 mm

GiG E VISION **Link** **USB3 VISION**

EXO - The Integrator's Camera

The EXO series is based on the most powerful CMOS sensors from Sony and CMOSIS. In a precision-milled unibody housing, it offers an extremely clever, flexible and economical camera concept with excellent image quality, outstanding temperature behavior, multiple inputs, PLC functionality and a multi-channel Strobe Controller.

The tight thermal connection of the power-saving, optimized electronics and sensor to the housing enables operating temperatures of up to 60°C for most EXO models. The cameras are available with GigE Vision, Camera Link and USB3 Vision interfaces and support the latest standards such as GenICam 3.0 and USB 3.1. A large number of evenly distributed mounting holes allow the EXO camera to be mounted precisely and securely, providing reliable support even for heavy lenses.

Special Features of the EXO series:

- Resolution 1.6 to 31.4 megapixel (up to 4/3")
- Latest CMOS sensors from Sony and CMOSIS
- Monochrome and color versions (Bayer pattern)
- Various trigger and exposure modes
- Logic trigger functions (PLC)
- Adjustable gain, auto gain and auto-exposure
- Binning mode
- Area of interest (AOI / ROI)
- White balance for color versions
- C mount, M42 or Micro Four Thirds lens adapter
- 8/12 Bit video data stream
- 256 MB burst mode memory inside (GigE)
- 4 x Power Output (4-channel strobe controller)
- electric and optical input
- Programmable sequencer for shutter and LED lights
- SDK for Windows, Linux and macOS available
- GenTL driver, GenICam 3.0 standard
- Trigger voltage TTL-24V

Compact cameras

FXO series

e.g. wafer inspection

25 GiG E VISION +RDMA

LED INTEGRATED LED-CONTROLLERS SEQ INTEGRATED SEQUENCER STT SAFE TRIGGER TECHNOLOGY PLC PROGRAMMABLE LOGIC CONTROL PIV PARTICLE IMAGE VELOCIMETRY PTP PRECISION TIME PROTOCOL

50 mm x 50 mm

GiG E VISION **Link** **10 GiG E VISION** **100 GiG E VISION** **+RDMA**

FXO - High image quality in a compact housing

The FXO offers an extremely flexible, powerful and at the same time cost-efficient camera concept that impresses with excellent image quality, fast interfaces, versatile inputs and an integrated, multi-channel GenICam Strobe Controller.

The Pregius S sensor from Sony with Global Shutter shines with outstanding image quality and is the heart of the FXO series. The 2.74 µm pixels enable high light sensitivity combined with very low noise characteristics. The excellent homogeneity and high dynamic range of the image set standards. In addition, the compact design allows the use of economical lenses and is easier to integrate in applications where space is limited.



CXP-12
1 connection **CXP-12**
2 connections

Powerful Features of the FXO series:

- Resolutions up to 24.6 megapixels (up to 1.2") in a small C mount housing
- Smallest camera with CXP12-2C (2 Connections) interface
- Thermally highly optimized milled housing
- State-of-the-art interfaces 10GigE, 25GigE, 100GigE and CoaXPress-12 with PoE or PoCXP
- Mono and Color (Bayer) with auto white balance
- Various trigger and exposure modes, global shutter
- Auto manual gain and exposure
- Various binning modes with performance boost
- Area of Interest (AOI/ROI)
- Logical trigger functions (PLC)
- Power output (4-channel strobe controller) with 3A max
- Electric and optical inputs TTL-24V Programmable timers and sequencers with logic modules
- SDK for Windows (32/64bit), Linux and macOS
- GenTL driver, GenICam Standard 3.0
- Ideal for cleanrooms (fanless option)

CXP12 10GigE 25GigE

Model	[MP]	Resolution [Pixel]	Format	Sensor	Pixel [µm]	Shutter	Mount	max. Frame Rate [fps]			
exo273	1.6	1,440 x 1,080	1/2.9"	Sony IMX273	3.45	GS	C	79	-	-	
exo174	2.3	1,920 x 1,200	1/1.2"	Sony IMX174	5.86	GS	C	53.6	105	160	
exo249	2.3	1,920 x 1,200	1/1.2"	Sony IMX249	5.86	GS	C	41	-	41	
exo252	3.1	2,048 x 1,536	1/1.8"	Sony IMX252	3.45	GS	C	-	78	115	
exo265	3.1	2,048 x 1,536	1/1.8"	Sony IMX265	3.45	GS	C	39	-	55	
exo4000	4	2,048 x 2,048	1"	CMOSIS CMV4000	5.5	GS	C	29.5	-	74	
exo250	5	2,448 x 2,048	2/3"	Sony IMX250	3.45	GS	C	24.5	49	75	
exo264	5	2,448 x 2,048	2/3"	Sony IMX264	3.45	GS	C	24.5	-	35	
exo547	5	2,448 x 2,048	2/3"	Sony IMX547	2.74	GS	C	24.5	-	-	
exo428	7.1	3,208 x 2,200	1.1"	Sony IMX428	4.54	GS	C	17.4	-	51.4	
exo546	8.1	2,840 x 2,840	2/3"	Sony IMX546	2.74	GS	C	15	-	-	
exo255	8.8	4,096 x 2,160	1"	Sony IMX255	3.45	GS	C	-	-	42	
exo253	12.3	4,096 x 3,000	1.1"	Sony IMX253	3.45	GS	C	-	-	30	
exo304	12.3	4,096 x 3,000	1.1"	Sony IMX304	3.45	GS	C	10	20	23	
exo545	12.3	4,096 x 3,000	1/1.1"	Sony IMX545	2.74	GS	C	10	-	-	
exo902	12.4	6,048 x 2,048	17.5 mm	Sony IMX902	2.74	GS	C	9	-	20	PREL
exo542	16.1	5,320 x 3,032	16.8 mm	Sony IMX542	2.74	GS	C	7	-	23	
exo901	16.4	8,016 x 2,048	22.7 mm	Sony IMX901	2.74	GS	C	7.5	-	15	NEW
exo183	20.2	5,496 x 3,672	1"	Sony IMX183	2.4	RS	C	6	12	17	
exo541	20.3	4,504 x 4,504	17.45 mm	Sony IMX541	2.74	GS	C	6	-	18.4	
exo540	24.5	5,320 x 4,600	19.27 mm	Sony IMX540	2.74	GS	C	5	-	15	

* CoaXPress12 with 2 connections

High Resolution cameras

HR series

e.g. electronics inspection

Thermoelectric Cooled (TEC)

CXP-12
4 connections

10 GiG E VISION

HR - High Resolution and Speed

The HR series combines High-Resolution image sensors with powerful, state-of-the-art Machine Vision interfaces. The camera achieves data rates of up to 25 Gbit/s and resolutions of up to 65 megapixels. The sophisticated, durable housing provides excellent temperature management and enables fanless operation on almost all models, even with large sensors. The M58 lens thread has been designed so that almost all lenses can be connected using appropriate adapters and can be optimally matched to your imaging task. The IO concept offers programmable I/O logic, sequencer, timer, SafeTrigger and an integrated 4-channel LED flash control. The controller integrated in the camera's GenICam tree can be controlled via any GenICam application or the SDK. Now also available as a new -T" version: The combination of thermoelectric cooling (TEC) and heating with advanced, dust-proof ventilation ensures a stable sensor temperature and therefore greater reliability and consistent image quality.

Special Features of the HR series:

- CMOS sensors from Sony, Canon and ON Semiconductor
- Monochrome and Color (Bayer Pattern / auto white balance)
- Housing with M58 lens thread
- At least 128 MB of internal image storage, Burst Mode (GigE/10GigE)
- 14-bit AD converter with 8 or 12-bit transmission
- Shading correction, defect pixel correction
- ROI, LUT, Binning, Gamma, Offset
- GenICam and GenTL Interface
- Integrated multi-channel LED strobe controller
- Industrial TTL-24V I/O Interface with SafeTrigger, programmable logic functions, sequencers, and timers, RS232
- SDK for Windows (32/64bit), Linux and macOS
- T versions only: particularly stable image quality thanks to TEC
- Ideal for cleanrooms (fanless option)

10GigE CL CXP CXP-12

Model	[MP]	Resolution [Pixel]	Format	Sensor	Pixel [µm]	Shutter	Mount	max. Frame Rate [fps]			
hr387	16.7	5,456 x 3,076	21.7 mm	Sony IMX387	3.45	GS	M58/F	56.4	-	-	-
hr25	25	5,120 x 5,120	32.5 mm	ON Semi Python25K	4.5	GS	M58/F	-	31.8	81	-
hr342	31.4	6,464 x 4,852	27.9 mm	Sony IMX342	3.45	GS	M58/F	35.4	-	35.7	-
hr49	49	7,008 x 7,000	37.4 mm	GMAX3265-49	3.2	GS	M58/F	-	17	30	71
hr51	51	8,424 x 6,032	35 mm	GMAX4651	4.6	GS	M58/F	23.7	-	30	-
hr455	61	9,568 x 6,380	43.24 mm	Sony IMX455	3.76	RS	M58/F	18	-	18	-
hr455-T	61	9,568 x 6,380	43.24 mm	Sony IMX455	3.76	RS	M58/F	18	-	-	-
hr65	65	9,344 x 7,000	37.4 mm	GMAX3265	3.2	GS	M58/F	17.4	13	35.5	71

PoE+ versions on request; all 10GigE cameras with PTP mode, -T: with built-in thermoelectric cooler (TEC)

Compact cameras

Tracer series

e.g. traffic inspection

LED INTEGRATED LED-CONTROLLERS SEQ INTEGRATED SEQUENCER STT SAFE TRIGGER TECHNOLOGY BST BURST MODE TECHNOLOGY PLC PROGRAMMABLE LOGIC CONTROL

USB3 VISION

EXO Tracer

The Tracer's lens mount is a Micro Four Thirds (MFT) mount, covering all electric connections for lightning fast control of the lens zoom, focus and aperture. The optical lens specification of MFT allows for the best optical results. The MFT mount opens up a wide range of high-quality lenses for the Tracer. Control options for exposure time, focus, zoom, aperture and strobe lighting through a single GenICam interface. Combining this lens control with high performance sensors up to 20 MP of resolution and 72dB dynamic range, the Tracer can deliver cutting edge imaging technology.

Special Features of the Tracer series:

- Micro-Four-Thirds bayonet mount
- Fast user control of zoom, aperture and focus
- Lens settings controlled by GigE Vision interface, USB3 Vision and also GenICam
- Selectable AOI (Area Of Interest)
- SDK for Windows (32/64bit), Linux and macOS
- Frame buffer: 256 MB
- Dimensions [mm]: 58 x 58 x 45

USB3 GigE

Model	[MP]	Resolution [Pixel]	Format	Sensor	Pixel [µm]	Shutter	Mount	max. Frame Rate [fps]	
exo304 TR	12.3	4,096 x 3,000	1.1"	Sony IMX 304	3.45	GS	MFT	-	10
exo387 TR	16.8	5,456 x 3,076	4/3"	Sony IMX 387	3.45	GS	MFT	22	7.4
exo367 TR	19.6	4,416 x 4,428	4/3"	Sony IMX 367	3.45	GS	MFT	19	6.2
exo183 TR	20.2	5,496 x 3,672	1"	Sony IMX 183	2.4	RS	MFT	-	6

High Resolution cameras



SHR series

e.g. display inspection



10GIGE VISION

CXP-12 4connections

LED INTEGRATED LED-CONTROLLERS SEQ INTEGRATED SEQUENCER STT SAFE TRIGGER TECHNOLOGY PLC PROGRAMMABLE LOGIC CONTROL PTP PRECISION TIME PROTOCOL

SHR - Maximum Resolution

For applications that need to be inspected in great detail, High-Resolution and fast image transfer are required. With CMOS sensors and an outstanding resolution of up to 245 megapixels, the SHR series sets new standards. All cameras offer extensive I/O functions with Sequencer and integrated Strobe Controller.

High structural precision in sensor alignment and housing ensure accurate image reproduction and secure mounting of camera mount, adapters and lenses. The half-format SHR is equipped with a standardized M72 thread, allowing access to a wide range of lenses and adapter rings. The short flange distance of 19.55 mm allows the highest quality lens systems to be individually adapted to almost any task. Now also available as a new „T“ version: The combination of thermoelectric cooling (TEC) and heating with advanced, dust-proof ventilation ensures a stable sensor temperature and therefore greater reliability and consistent image quality.

Model	[MP]	Resolution [Pixel]	Format	Sensor	Pixel [µm]	Shutter	Mount	10GigE CXP-6 CXP-12		
								max. Frame Rate [fps]		
shr461	101.8	11,648 x 8,742	55 mm	Sony IMX461	3.76	RS	M72	8.7	8.7	-
shr661	127.6	13,392 x 9,528	56.73 mm	Sony IMX661	3.45	GS	M72	8.2	-	20.3
shr411	151	14,192 x 10,640	66.7 mm	Sony IMX411	3.76	RS	M72	6.1	6.1	-
shr411-T	151	14,192 x 10,640	66.7 mm	Sony IMX411	3.76	RS	M72	6.1	-	-
shr811	245	19,200 x 12,800	64.84 mm	Sony IMX811	2.81	GS	M72	-	-	12.4

all 10GigE cameras with PTP mode; PoE versions on request, -T: with built-in thermoelectric cooler (TEC)

Invisible Wavelength cameras

e.g. moisture inspection with UV

SWIR & UV cameras



SWIR
SHORT WAVELENGTH INFRARED

LED INTEGRATED LED-CONTROLLERS SEQ INTEGRATED SEQUENCER STT SAFE TRIGGER TECHNOLOGY BST BURST MODE TECHNOLOGY PLC PROGRAMMABLE LOGIC CONTROL
GIGE VISION 10GIGE VISION CXP-12 1connection USB VISION

SWIR Cameras

SVS-Vistek SWIR cameras incorporate Sony SenSWIR technology and the proven EXO and FXO camera platforms. Thanks to their wide spectral range and high sensitivity, SVS-Vistek SWIR cameras combine the benefits of an extremely compact footprint with a range from 400 nm VIS to the SWIR range at 1700 nm. With an innovative thermal design, users can have outstanding optical quality and dynamic range results, potentially using a single camera for multiple areas of the light spectrum.



Model	[MP]	Resolution [Pixel]	Format	Sensor	Pixel [µm]	Shutter	Mount	10GigE CXP-12 USB3		
								max. Frame Rate [fps]		
exo991	0.3	640 x 512	1/4"	Sony IMX991	5	GS	C	260	-	-
exo990	1.3	1,280 x 1,024	1/2"	Sony IMX990	5	GS	C	94.4	-	125.4
fxo990	1.3	1,280 x 1,024	1/2"	Sony IMX990	5	GS	C	-	-	134
fxo993	3.1	2,048 x 1,536	8.9 mm	Sony IMX993	3.45	GS	C	-	173.4*	173.4*
fxo992	5.2	2,560 x 2,048	11.4 mm	Sony IMX992	3.45	GS	C	-	132*	132*

*also available with built-in thermoelectric cooler (TEC)



UV
ULTRAVIOLET WAVELENGTH

Ultraviolet Cameras

Our ultraviolet cameras are based on the proven design of the FXO series. The fast CoaXPress-12 interface provides outstanding performance in terms of ultra-low trigger latency, faster frame rate and constant data rate. The 10GigE interface option is an economical, highly stable alternative with advantages for long data lines up to 100m. Sony Pregius UV sensors combine high resolution, high dynamic range and superior sensitivity in the wavelength range of 200 – 400 nm.



Model	[MP]	Resolution [Pixel]	Format	Sensor	Pixel [µm]	Shutter	Mount	10GigE CXP-12		
								max. Frame Rate [fps]		
fxo487	8.1	2,840 x 2,840	2/3"	Sony IMX487	2.74	GS	C	87	87	195*

* CoaXPress12 with 2 connections

LED INTEGRATED LED-CONTROLLERS SEQ INTEGRATED SEQUENCER STT SAFE TRIGGER TECHNOLOGY BST BURST MODE TECHNOLOGY PLC PROGRAMMABLE LOGIC CONTROL
10GIGE VISION CXP-12 2connections

Model	[MP]	Resolution [Pixel]	Format	Sensor	Pixel [µm]	Shutter	Mount	10GigE CXP-12		
								max. Frame Rate [fps]		
fxo487	8.1	2,840 x 2,840	2/3"	Sony IMX487	2.74	GS	C	87	87	195*

* CoaXPress12 with 2 connections

Invisible Wavelength cameras



POL cameras

POL
POLARIZED WAVELENGTH

e.g. scratch detection

LED INTEGRATED LED-CONTROLLERS SEQ INTEGRATED SEQUENCER STT SAFE TRIGGER TECHNOLOGY BST BURST MODE TECHNOLOGY PLC PROGRAMMABLE LOGIC CONTROL
USB3 VISION GIGE VISION

Special Features of our Polarized Cameras:

- > GenICam 3.0, GigE Vision and USB3 interface
- > LUT, ROI, Burst Mode
- > Electrical and optical inputs
- > Up to 60°C operating temperature
- > Integrated 4-channel strobe controller
- > Industrial TTL-24V I/O interface with SafeTrigger, logic functions, programmable sequencers and timers, RS232
- > Numerous M72 lens adaptors for virtually any industrial lens
- > SDK for Windows (32/64bit), Linux and macOS

Model	[MP]	Resolution [Pixel]	Format	Sensor	Pixel [µm]	Shutter	Mount	GigE USB3	
								max. Frame Rate [fps]	
exo264	5	2,448 x 2,048	2/3"	Sony IMX264MZR	3.45	GS	C	24.5	35
exo250	5	2,448 x 2,048	2/3"	Sony IMX250MZR	3.45	GS	C	24.5	75
exo253	12.3	4,096 x 3,000	1.1"	Sony IMX253MZR	3.45	GS	C	10	30

Model	[MP]	Resolution [Pixel]	Format	Sensor	High-Speed cameras			e.g. sport analysis		
					CL	CXP-6	CXP-12	CL	CXP-6	CXP-12
EoSens 1.1	1.1	1,280 x 864	4/3"	Lux13HS	13.7	GS	C / F	-	-	3,674
EoSens 2.0	2	1,920 x 1,080	4/3"	Lux19HS	10	GS	C / F	-	-	2,247
EoSens 4.0	4	2,336 x 1,728	4/3"	AM41	7	GS	C / F	-	563	-
EoSens 9.5*	9.5	4,096 x 2,304	2"	LUX9512	6.5					

Supported Features and Technologies:

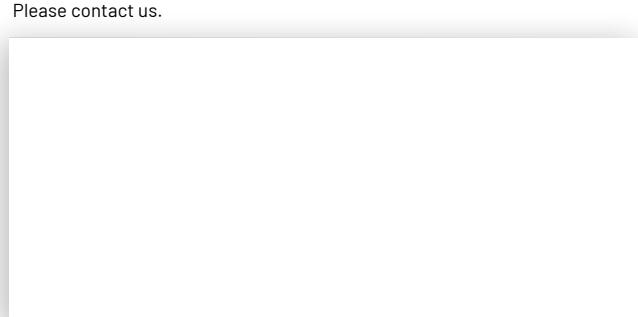
- Resolution up to 245 megapixel
- Up to 225.000 fps
- Global and Rolling Shutter CMOS sensors
- Monochrome and Color Versions (Bayer Pattern)
- White balance for color versions (one shot, continuous or manual)
- programmable logic I/O functionality with timers
- User-definable AOI (Area of Interest)
- Binning Modes for higher frame rates
- Shading Correction
- Defect Pixel Correction
- Adjustable Gain and Offset
- Auto-Exposure and Auto-Gain
- Image Flip
- Lookup Table (LUT)
- Exposure controlled by Trigger, manually or automatically
- 8, 10, 12 or 16 Bit
- Wide Range of Power Inputs: 10 – 25 V DC
- Various Trigger (int./ext./free running) and Exposure Modes
- Programmable Sequencer for shutter and strobe
- Pulse-Width Strobe-Control
- Logical Trigger Functions
- Schmitt-Trigger (Debouncer)
- Particle Image Velocimetry (PIV-Mode)
- Thermoelectric Cooling (TEC)
- Built-in LED Controllers
- Versatile I/O-Concept:
 - Configurable I/O-Matrix
 - Up to 4 x Trigger Input
 - Up to 4 x Power Output (open drain)
 - Differential RS-422 and serial RS-232 In- and Out-put
- GigE, 10GigE, or 25 GigE Interface
- Camera Link Interface
- USB3 Interface
- CoaXPress6 und CoaXPress12 Interface
- GigE Vision, USB3 Vision and GenICam Standard Compliant
- Support for most Lens Mount Standards
- Micro-Four-Thirds Bayonet (MFT) Standard supported
- SDK Software for Windows (32/64 Bit), Linux and macOS available
- Intuitive Graphical User Interface
- Power over Camera Link (PoCL) on request
- Power over Ethernet (PoE) on request
- Power over CoaXPress (PoCXP)
- Power over USB (PoUSB)

Your individual Solution for your Application Field:



Our sales team will be pleased to assist you with expert advice.
Please contact us.

and many more...



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