

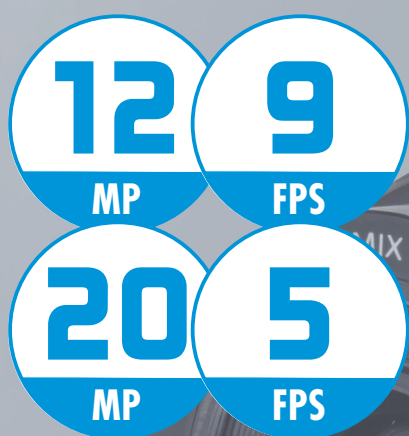
exo Tracer



SVS-VISTEK

镜头控制 匹配 图像质量

全新款



MICRO
FOURTHIRDS

GiGE[™]
VISION

LED

4 INTEGRATED
LED-CONTROLLER

SEQ

INTEGRATED
SEQUENCER

STT

SAFE TRIGGER
TECHNOLOGY

BST

BURST MODE
TECHNOLOGY

PLC

PROGRAMMABLE
LOGIC CONTROL

完全掌控缩放、聚焦和光圈
看到别人所看不到的。全新的 EXO Tracer 系列。

- > 分辨率 12 MP @ 9 fps, 20 MP @ 5 fps
- > 72 dB 动态范围
- > MFT 镜头控制, 由 NI Vision Builder, Cognex VisionPro, MERLIC 以及更多技术支持
- > GenICam 传输层

GiGE[™]
VISION



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Scale your vision.

EXO Tracer

	exo304 TR	exo183 TR
Resolution [pix]	4,096 x 3,000	5,496 x 3,672
Frame rate (max.)	9 fps	5 fps
Interface	GigE Vision	GigE Vision
[MP]	12	20

全新款

Specifications Sensor

Sensor	IMX 304LQR	IMX 183LQR
Manufacturer	Sony	Sony
Sensor Type	Area CMOS	Area CMOS
Shutter Type	global shutter	rolling shutter
Sensor size (h x v) [mm]	14.13 x 10.35	13.19 x 8.81
Readout Type	progressive scan	progressive scan
Chroma	mono or bayer (RGB)	mono or bayer (RGB)
Optical diagonal [mm]	17.52	15.86
Sensor Format	1.1"	1"
Pixel size (h x v) [µm]	3.45 x 3.45	2.4 x 2.4

Specifications Camera

Exposure modes	Manual, Auto, External	Manual, Auto
Trigger modes	Internal, Software, External	Internal, SW, External
Exposure time min. [µs]	28	120
Exposure time max. [sec]	1 (external ∞)	1 (external ∞)
Pixel format [bit]	8 / 12	8 / 12
Dynamic range / SNR [dB]	72.2 / 39.5	71.5 / 40
Internal memory SDRAM / Flash [MB]	256 / 32	256 / 32

Feature Set

Offset	yes	yes
Readout Control	yes	yes
Binning	yes	yes
Image Flip	yes	yes
LUT	yes	yes
White balance (color)	auto/manual	auto/manual

Specifications Housing

Lens mount	MFT (Micro Four Thirds)	MFT (Micro Four Thirds)
Dimensions (w x h x d) [mm]	58 x 58 x 44.5	58 x 58 x 44.5
Protection class	IP40	IP40
Weight [g]	320	320

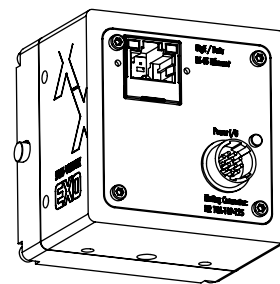
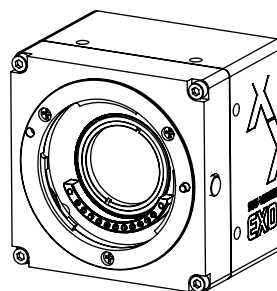
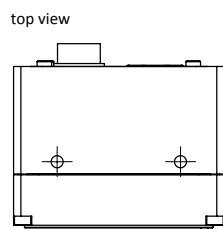
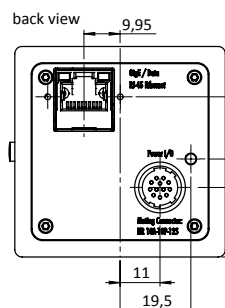
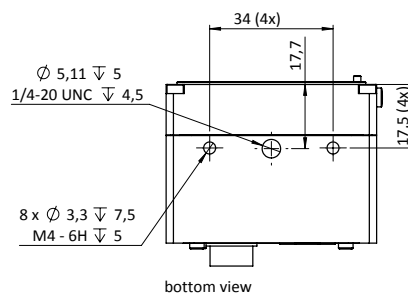
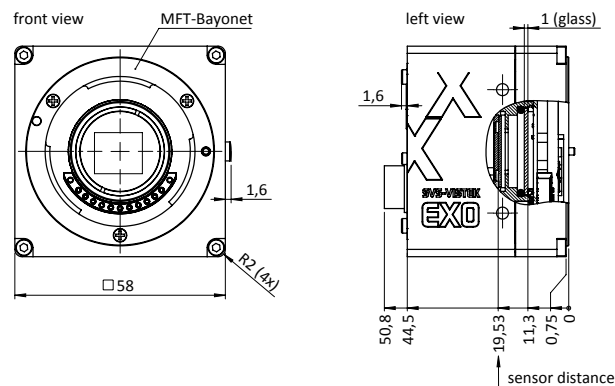
Digital I/O Interfaces

Output open Collector	4x	4x
Output RS-232	1x	1x
Input 24 V	2x	2x
Input RS-232	1x	1x
Opto in	1x	1x

Ordercode

color	exo304 C GE TR	exo183 C GE TR
mono	exo304 M GE TR	exo183 M GE TR

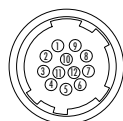
Dimensions [mm]



GigE VISION

Pinout

Hirose 12 Pin



- | | |
|-----------------------|-----------------------|
| 1 V In- (Gnd) | 7 Out 1 (open drain) |
| 2 V In+ (10 - 25V DC) | 8 Out 2 (open drain) |
| 3 In 4 (RXD RS232) | 9 In 3+ (opto In +) |
| 4 Out 4 (TXD RS232) | 10 In 3- (opto In -) |
| 5 In 1 (0 - 24V) | 11 Out 3 (open drain) |
| 6 In 2 (0 - 24V) | 12 Out 0 (open drain) |