



fxo993MXGE-T

Specifications	
Resolution [MP]	3.1 MP
Resolution (h x v)	2048 x 1536 px
Frame rate (max.)	173.4 fps
Chroma	SWIR
Interface	10GigE Vision (RJ-45)
Sensor	
Sensor	IMX993-AABA (TEC)
Manufacturer	Sony
Sensor type	Area SWIR CMOS
Shutter type	global shutter
Sensor size (h x v)	7.07 x 5.3 mm
Optical diagonal	8.83 mm
Sensor format	8.9mm (Type 1/1.8)
Pixel size (h x v)	3.45 x 3.45 μ m
Camera	
Exposure modes	MANUAL;AUTO
Trigger modes	INTERNAL;SOFTWARE;EXTERNAL
Pixel format / max	mono8, mono12 / 12 bit
Gain modes	manual, auto
Internal memory	1024 MB SDRAM, 256 MB Flash
Feature Set	
AOI	yes

1stVision, Inc.

40 Shattuck Road, Suite 227
Andover, MA 01810

Office 978-474-0044 / West Coast 949-361-0350 / Canada 519-963-4800

fxo993MXGE-T

LUT	yes
Offset	yes
Binning	yes
Image flip	yes
Two-Point NUC	yes
Defect pixel correction	yes
Sequencer	yes
Housing	
Lens mount	C-Mount
Dimensions (w x h x d)	50 x 50 x 82.1 mm
Weight	240 g
Operating temperature (housing)	-10 to 60 °C
Protection class	IP30
I/O-Interfaces	
Input up to 24V	2 x
Input OPTO	1 x
Output open drain	4 x
I/O RS-232	1 x
Power supply	10 to 25 V (DC)
Power consumption	12 W (dep. on operating mode)

1stVision, Inc.

40 Shattuck Road, Suite 227
Andover, MA 01810

Office 978-474-0044 / West Coast 949-361-0350 / Canada 519-963-4800