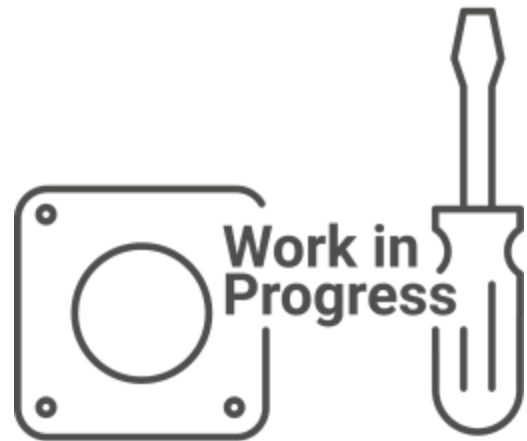




FX0 100GigE

fxo926C100GE



LED
4 INTEGRATED
LED-CONTROLLERS

SEQ
INTEGRATED
SEQUENCER

STT
SAFE TRIGGER
TECHNOLOGY

PLC
PROGRAMMABLE
LOGIC CONTROL

Please note: This product is preliminary.
Technical specifications might change.

Specifications

Resolution [MP]	12.3 MP
Resolution (h x v)	4096 x 3000 px
Frame rate (max.)	661 fps
Chroma	color
Interface	100GigE (QSFP28)

Sensor

Sensor	IMX926-AQJ-C
Manufacturer	Sony
Sensor type	Area CMOS
Shutter type	global shutter
Sensor size (h x v)	11.22 x 8.22 mm
Optical diagonal	13.91 mm
Sensor format	14.0 mm (Type 1/1.1)
Pixel size (h x v)	2.74 x 2.74 µm

Camera

Exposure modes	MANUAL;AUTO
Exposure time (min)	4 µs
Exposure time (max)	10 sec
Pixel format / max	bayer8, bayer10, bayer12 / 12 bit
Gain modes	manual, auto
Internal memory	32768 MB SDRAM, 256 MB Flash

Feature Set

Manual white balance	yes
Automatic white balance	yes
AOI	yes
LUT	yes
Offset	yes
Binning	yes
Image flip	yes
Sequencer	yes
RDMA RoCE v2	yes
PTP	yes
Color Transformation Control	yes

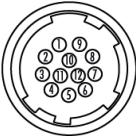
Housing

Lens mount	C-Mount
Dimensions (w x h x d)	58 x 58 x 101 mm
Weight	400 g
Operating temperature (housing)	-10 to 60 °C
Protection class	IP30
Filter-/Coverglass	IR-Cut 680

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	30 W (dep. on operating mode)

Pinout Mating Connector

	1	VIN –	(GND)	7	OUT 1	(open drain)
	2	VIN +	(10 V to 25 V 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)

