



EoSens9.5MCX12-FF

EoSens® CoaXPress12

High-Speed with CoaXPress-12

Mikrotron CoaXPress-12 cameras comply with the CoaXPress 2.0 specification and transmit at 4 lanes up to 50Gbit/s. They meet the highest requirements for minimum latency and jitter. They satisfy most stringent requirements for minimum latency and jitter. The cameras are very light sensitive and support multiple binning modes and ROIs depending on the model.

Technical Highlights:

- scalable interface with 1, 2 or 4 connections
- complies with CoaXPress 2.0 standard, compatible with CXP 1.0 standard
- light sensitive sensor
- only 80 x 80 x 66 mm small
- Shock and vibration resistant



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

SPECIFICATIONS

Resolution [MP]	9.5 MP
Resolution (h x v)	4096 x 2304 px
Frame rate (max.)	503 fps
Chroma	mono
Interface	CXP-12 with 4 Connections

SENSOR

Sensor	LUX9506V3M
Manufacturer	Luxima
Sensor type	Area CMOS
Shutter type	global shutter
Sensor size (h x v)	26.62 x 14.98 mm
Optical diagonal	30.55 mm
Sensor format	2"
Pixel size (h x v)	6.5 x 6.5 μ m

FRAME RATES

CAMERA

Exposure modes	EXTERNAL
Trigger modes	Button, External TTL Signal, CXP-Trigger
Pixel format / max	mono8, mono10, mono12 / 12 bit

FEATURE SET

AOI	yes
Binning	yes
Shading correction	yes
Defect pixel correction	yes
PoCXP	yes

HOUSING

Lens mount	Flat Front
Dimensions (w x h x d)	80 x 80 x 40 mm
Weight	630 g
Operating temperature (housing)	-10 to 60 °C
Ambient humidity	10 to 90 % (non-condensing)
Protection class	IP30

I/O-INTERFACES

Input up to 24V	2 x
Output open drain	2 x
I/O RS-232	1 x
Input LVDS	1 x
Output LVDS	1 x
Power supply	12 to 25 V (DC)
Power consumption	21 W (dep. on operating mode)

