

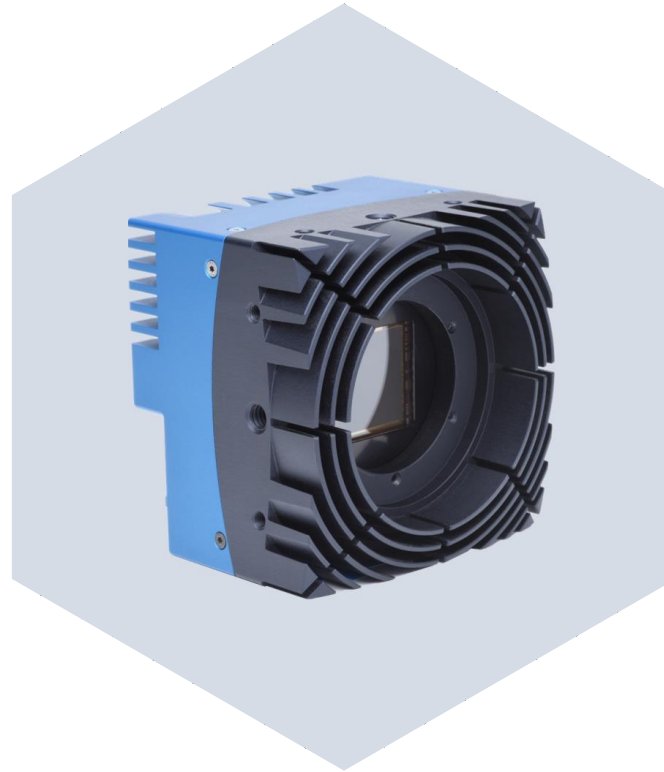


MIKROTRON

EoSens 21CXP2

PRELIMINARY

EoSens 21CXP2 HIGH SPEED CAMERA

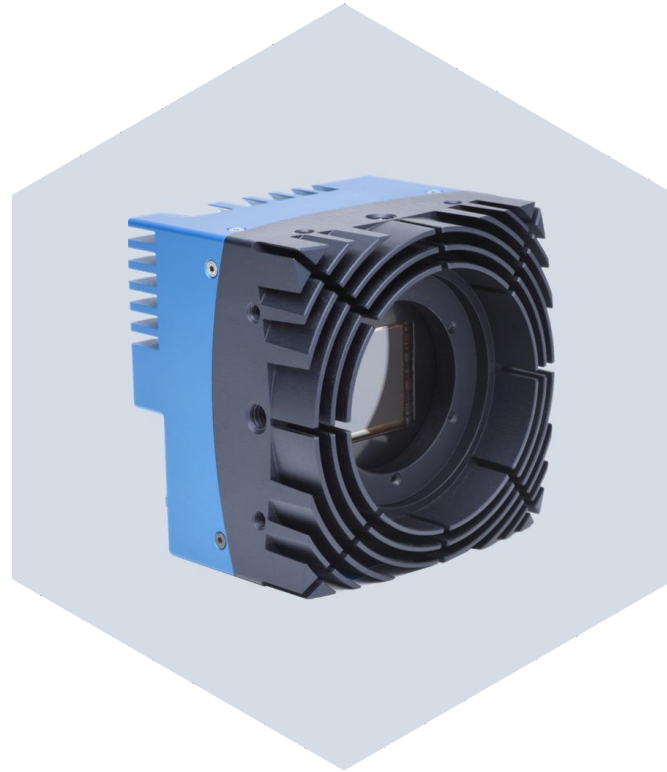


Specification

- 5,120 x 4,096 @ ~220fps via CXP-12
- Global Shutter Sensor
- APS sized (Ø 29.5mm)
- 8, 10 or 12bit
- 4.5 x 4.5 µm Pixel Size
- >69dB Dynamic Range
- 80 x 80 x 66 mm

PRELIMINARY

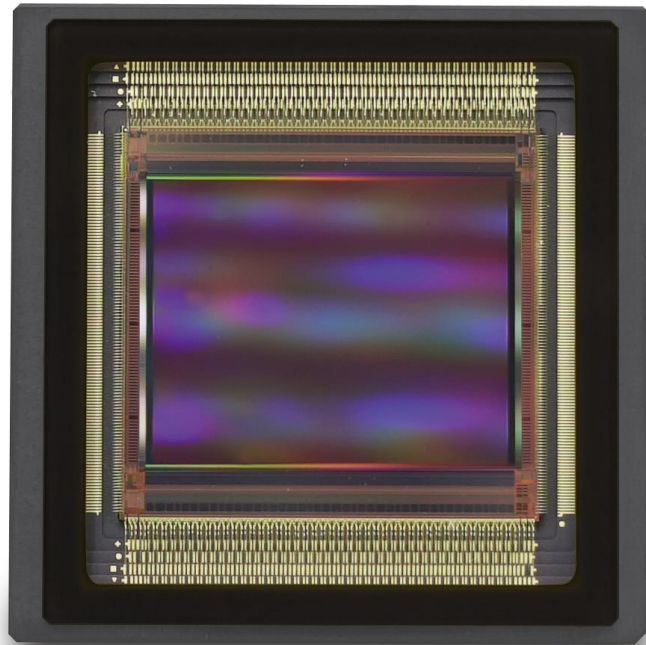
EoSens 21CXP2 HIGH SPEED CAMERA



Specification 2

- Very low DSNU & PRNU
- Brilliant Image Quality
- Optional Fan
- Scalable camera platform

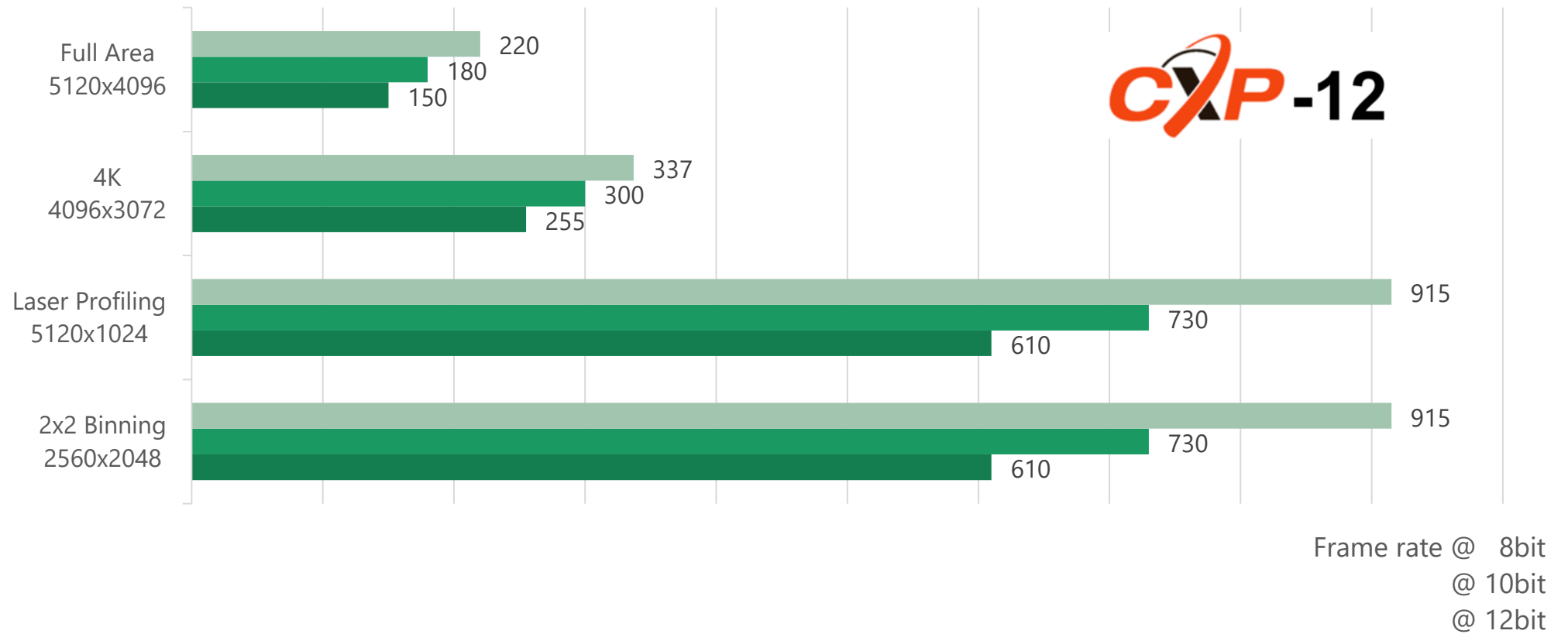
Highlight Specification



- Quantum efficiency >65%
- Dynamic range $\pm 48\text{dB}$ @ 8bit / $\pm 60\text{dB}$ @ 10bit / $>69\text{ dB}$ @ 12bit / $>80\text{dB}$ @ dual-gain HDR
- Full well capacity 30ke-(max in LG mode)
- Max signal/noise ratio (SNR) $> 43\text{ dB}$

PRELIMINARY

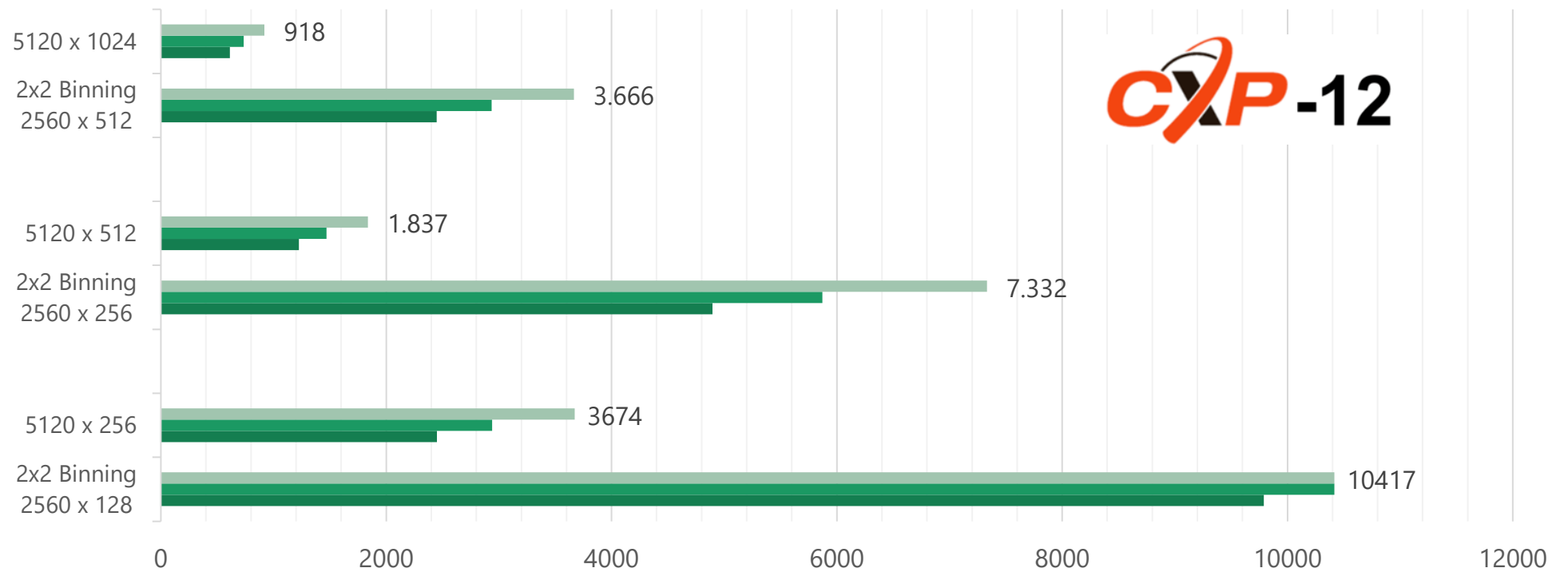
FRAME RATES EoSens 21CXP2



PRELIMINARY

FRAME RATES EoSens 21CXP2

Laser Profiling



FRAME RATE @ 8BIT
@ 10BIT
@ 12BIT

EoSens 21CXP2 Markets & Applications

- Factory Automation
- Traffic, Logistics & Transportation
- Metrology
- Sports, Entertainment & Marketing
- Medical & Life Science
- Surveillance
- Surface Inspection
- PCB Inspection
- Flying Inspection
- PIV
- Laser Triangulation



THANK YOU
FOR YOUR
ATTENTION



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