



Detector type	InSb standard, XBN (HOT InAsSb) optional
FPA spectral range	3.6-4.9 μm standard, optional (HOT) 3.6-4.2 μm
Format	1920 \times 1536
Pitch	10 μm
Integration modes	ITR & IWR
Integration capacitors and their Floor Noise (FN) *	0.4Me- ; FN = 60e- 0.7Me- ; FN = 90e- (ITR mode only) 2.5Me- ; FN = 370e- 4.5Me- ; FN = 950e-
Maximum frame rate (full format, 4 video ports)	up to 90 F/s
Video output	Digital output, 4 / 2 / 1 ports** (LVDS, 32:4 Channel link)
Digital signal resolution	13 bit
Readout mode	Normal / 2 x 2 Binning
Readout direction	Bottom-up / Left-Right
Windowing	Flexible: at 2 row steps
NETD (2.5Me- Cap.)	< 25mK at 70% well fill capacity
Local Residual Non Uniformity	0.04% STD/DR at 10-90% well fill capacity
IDCA optical parameters ***	F/3 standard, F/2 and F/4 optional spectral range: 3.6-4.9 μm (defined by cold filter)
Cooler options	Full specification: 1W cooler- Ricor K543 or equivalent Reduced specification (e.g. 1920 \times 1080 format, 60Hz): 0.75W cooler- Ricor K548 or equivalent
Dimensions (with Ricor K543 1W integral rotary cooler)	Weight – approx. 1.1Kg Length (optical axis) – 150 mm

