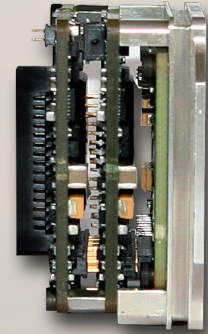


NEW!
640x480
17μ

MicroCAM™ 640x480 17micron ultra low power



<1.0W
Shutterless



ACTUAL SIZE

44g/1.55Oz
excluding lens

MicroCAM™ 640x480 17micron shutterless core (XTi Technology®)

NEW AT SPIE DSS - 640x480 17micron

Specification	MicroCAM 640 Shuttered	MicroCAM 640 XTi®
Sensitivity (f1.0 no lens)	640H = <60mK	640H = <60mK
Power consumption	<1.0 Watt	<1.0 Watt
Supply	4V to 5.5V	4V to 5.5V
Detector Material	ASi	ASi
Array Size	640x480	640x480
Pixel Count	307,200	307,200
Pixel Pitch	17micron	17micron
TEC-Less operation	Yes	Yes
NUC operation	Shuttered	Shutterless XTi® No Shutter present nor required
Spectral response	8-12um	8-12um
Frame Rate	25FPS	25FPS
Video Output	Composite PAL/NTSC	Composite PAL/NTSC
Digital Zoom	x2 x4	x2 x4
Polarity invert	Yes	Yes
Image flip / rotate	Yes	Yes
Discrete Button inputs	4	4
Text overlay	Yes	Yes
Operating temperature	-20°C to +60°C	-20°C to +60°C
Weight (Excluding optics)	56g / 1.98oz	44g / 1.55oz
Typical Weight (Including 14.95mm F/1.3 lens)	111g / 3.92oz	95g / 3.35oz



Shuttered Model



Shuttered Model

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