

Super LUKAS

LWIR 1280 x 1024 10 μ m

Description

Super LUKAS is a T2SL LWIR SXGA detector which shows an excellent performance especially for ground vehicles with its anti-blooming capability and strong penetration in foggy & dusty area. This SXGA LWIR detector ensures the visibility even in tough environmental conditions such as sun-glint and light reflex.

Applications



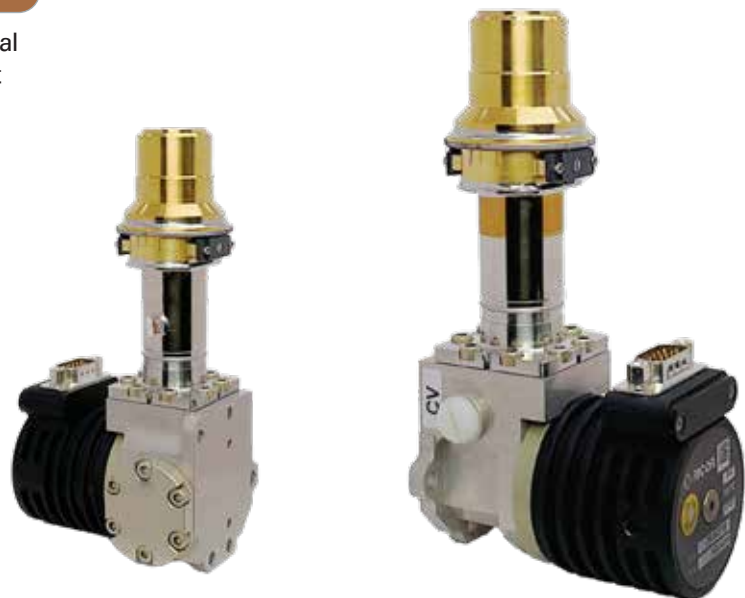
Security /
Surveillance



Night
Observation



Thermal
Sight



Images from the 2D IR detector



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Specifications

Array format	1280x1024
Pixel pitch	10 μ m
Detector type	T2SL
Wavelength band	LWIR (7.7 μ m~9.4 μ m)
No. of output channel	4 or 8 channels
Operability	$\geq 99.5\%$
NETD	$\leq 30\text{mK}$ @ Half-well fill
Frame rate	110Hz
Dimension	77.4mm x 55.6mm x 147.5mm
Cool-down time	≤ 8 min
Environmental condition	MIL-STD-810
Operating temperature	-40~+71 $^{\circ}$ C
FPA operating temperature	80K

Dimension

