

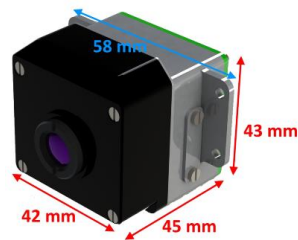
LEADER TIC Sensor Module

High Resolution Thermal Imaging Sensor Module

Small, light and versatile

For the usage in thermal imaging cameras, industrial applications or surveillance

General	
Power supply	12VDC (+-10%)
Power consumption	250 mA
Video Output analogue	NTSC (PAL optional)
Video Output digital	BT656 and RGB24
Warranty	5 years on electronics / 10 years on thermal sensor



LEADER TIC Sensor Module analogue (NTSC or PAL)



LEADER TIC Sensor Module digital

Leader TIC Sensor Module	
Dimensions	L.45 x W.42 x H.43 mm (analogue) L.35 x W.42 x H.43 mm (digital)
Weight	105g (analogue) 80g (digital)
Frequency	60Hz Fps 9Hz (option)
T°C Range	-40° to +1150°C
Colorization	Std: Fire, Search, Inverse Option: Cold finder and Multicolour
Zoom	2x, 4x digital
Housing	
Material	Aluminium
Thermal range of use	0°C – 65°C
Sensor	
Micro bolometer type	Uncooled 17µ Amorphous Silicon aSi Resolution 384 x 288 (110 592 px)
Spectral range	7 – 14 µm
Thermal sensitivity	NETD: <50mK (<0.05°C)
Optic	
Material	Germanium Carbon Coated
Focus	0,35m to infinity / F/1.3 speed
Visual field / FOV	H: 51° / V: 40° / Diagonal: 65°

