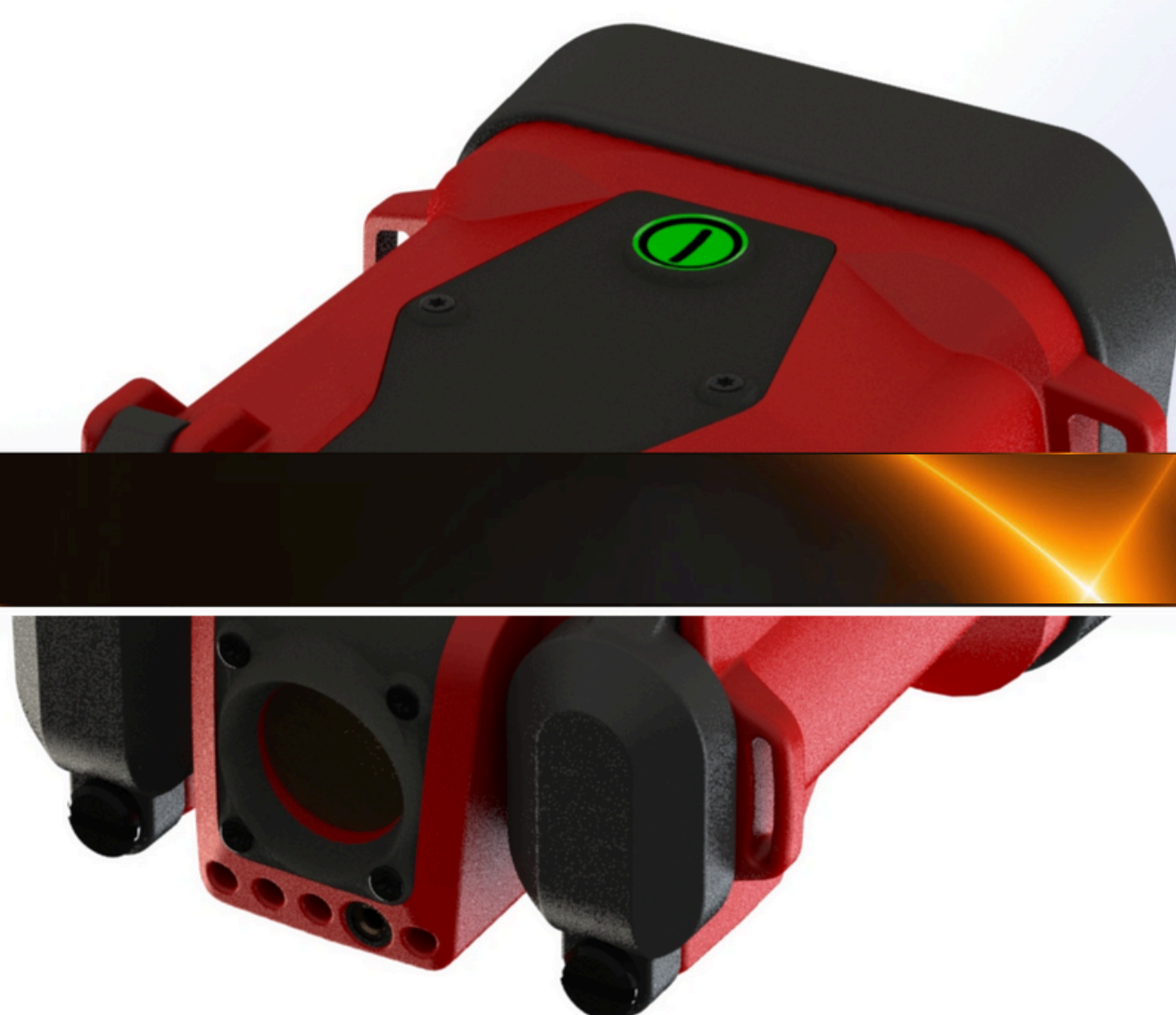


LEADER TIC 3.1



LEADER
Photonics

SPECIFICATION

LEADER TIC 3.1		320x240	
Dimensions	165 (L) x 140 (W) x 85 (H) mm (H195mm with optional pistol grip)		
Weight	910g with 2 batteries / 825g with 1 battery		
	(pistol grip +165g, hand strap +35g)		
Display	3.5" LCD / 76.800 Pixel Backlighting / Brightness: 800 cd/m ²		
Frequency	60 Hz Fps		
T°C Range	-40° to +1150°C		
Colorization	Standard: Fire Option: Search		

HOUSING

Material	PUR / Elastomer
Drop Test	2 m on concrete
IP	IP67 / 1 meter 30 minutes
Heat resistance	150°C for 15 min / 260°C for 5 min

SENSOR

Type	17μ Amorphous Silicon (aSi) Resolution 384x288
T°C sensitivity	NETD: <40mK (<0.04°C)

OPTICS

Material	Carbon Coated Germanium protected by a germanium window
Focus	0,35 m to infinity
Visual field / FOV	H: 51° / V: 40° / D: 65°

GENERAL

Power supply	LiFePO ₄ batteries (85g)
Running time (20°C) with Eco-Boost-System since October 2018	> 8h (2 batt) / > 4h (1 batt) > 6h (2 batt) with non-active video > 5h (2 batt) with recording video
Boot time	< 5 sec
Charging voltage	12/24 VDC or 100-240 VAC
Charging time (for 2 batt / consider half for 1 batt)	Charging bay: ~ 1h30 Mains charger: 100% in ~ 2h 90% in ~ 1h30, 80% in ~ 1h20
Charging cycles	> 5000
Memory (optional)	8 GB internal SD card (8h video or 1000 pics)
Warranty	5 years on camera / 6 years on batteries / 10 years on thermal sensor / 1 year on accessories (chargers, charging bay, etc...)

5 years warranty on camera ++ 6 years warranty on batteries ++ 10 years warranty on thermal sensor