

LONG RANGE THERMAL IMAGING CAMERA LEADER TIC 3.3 LR1000



ADVANTAGES	SPECIFICATION	ACCESSORIES	DOWNLOAD	MODELS
LEADER TIC 3.3 LR1000				
Dimensions	165 (L) x 140 (W) x 85 (H) mm (H: +110 mm with optional pistol grip)			
Weight	920g with 2 batteries/ 835g with 1 battery (+170g with pistol grip)			
Display	3.5" LCD / 76.800 Pixel Backlighting / Brightness: 800 cd/m ²			
Frequency	60 Hz Fps			
Temperature Range	-40° to +1150°C			
Colorization	Standard: Fire, Search, Inverse Option: Cold Finder, Multicolor			
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			
Spectral range	7-14 µm			
Temperature sensitivity	NETD: <40mK (0.04°C)			
OPTICS				
Material	Carbon Coated Germanium protected by a germanium window			
Lens	LR1000 = 35 mm			
Focus	LR1000 = 5m to infinity / F/1.5 speed			
Visual field / FOV LR1000	= H: 9.4° / V: 7° / Diagonal: 11.7°			
GENERAL				
Power supply	LiFePO ₄ batteries (85g)			
Running time (20°C) with Eco-Boost-System since October 2018	> 8h (2 batteries) / >4h (1 battery) > 6h (2 batteries) with non-active video > 5h (2 batteries) 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...)			

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