

Efficient and small = 1 button + 4" display

Particularly suitable for the first attack. LEADER TIC 4.1X offers unbeatable value and best quality, ideal for firefighting, first attack, search for missing persons and fire...



Outstanding features:

- Compact 7.09 x 6.02 x 4.13 inches
- Lightweight 2.25 lbs with 2 batteries.
- Large 4" display for detailed visibility
- Widest detection range: -40°F to +2100°C
- 1 colorization mode
- Video recording (option)
- Batteries: 6 year warranty, 5000 charging cycles
- Safe batteries (LiFePO4): for high temp operations
- Up to 8h running time (2 batteries) with integrated Eco-Boost-System
- Germanium window to protect the optics
- Removable Pistol grip option
- Boot time: less than 5 sec
- **1 Large button:** easy to operate even with gloves









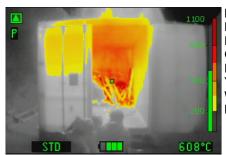
NFPA 1801:2018

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Color schemes:

TEMPEST TIC 4.1X offers one color scheme: Fire (standard).



FIRE (STD): Dark Red >1560°F Red > 1250°F Orange > 930°F Dark Yellow >660°F Yellow > 400°F White = Hot Black = Cold

3 Sensitivity modes with automatic switch according observed scene:

-High sensitivity temperature range: -40 +300°F -Medium sensitivity temperature range: -40 + 950°F -Low sensitivity temperature range: -40 +2100°F





Characteristics:

Leader TIC 4	.1X with Eco-Boost-System			
Dimensions (approx)	L7.09 x W6.02 x H4.13 inches (H = +4.33" with optional pistol grip)			
Weight	2.25 lbs with 2 batt / 2.06 lbs with 1 batt (+0.37 lbs with optional pistol grip)			
Display	4" LCD / 320 x 240 (76.800) px / Backlighted / Brightness: 800 cd/m²			
Frequency	60Hz Fps			
T°C Range	-40° to +2100°F			
Colorization	Std: Fire			
	Housing			
Material	PUR / Elastomer housing with silicone boot around display			
Drop Test	6.5ft on concrete			
IP	IP67 / 3.2ft Meter 30 Minutes			
Heat resistance	300°F for 15min / 500°F for 5min			
	Sensor			
Micro bolometer type	Uncooled 17µ Amorphous Silicon aSi Resolution 384 x 288 (110 592 px)			
Spectral range	7 – 14 μm			
Thermal sensitivity	y NETD: <50mK (<0.05°C)			
	Optics			
Material	Germanium Carbon Coated Protected by a germanium window			
Focus	1.15ft to infinity / F/1.3 speed			
Visual field / FOV	H: 51° / V: 40° / Diagonal: 65°			

	General			
	iFePO ₄ (Lithium Iron Phosphate = fety VS fire), 2.5Ah at 6.6V, 0.19lbs			
>	Vithout video/photo functions: >8h (2 batt) / >4h (1 batt) With video/photo functions: 6h (2 batt) with non-active video >5h (2 batt) with recording video			
	< 5 seconds			
	12-24 VDC or 100-240 VAC			
	Charging bay: ~1h30 Mains charger: 100% in ~2h, 90% in ~1h30, 80% in ~1h20			
> 5000				
8GB internal SD card (8h video)				
5 years on camera_/ 6 years on batteries / 10 years on thermal sens / 1 year on accessories (chargers charging bay, etc)				
NF	PA1801:2018 and ISA12.12.01 / CSA C22.2 N°213 and CE			
Options				
р	Automatic video recording (8GB capacity) at start ON			
	Vehicle charging bay or mains charger			
	Carrying case IP67			
	Wireless video transmission to computer, tablet or smartphone			
	Lill safe			



Energy concept

LiFePO4 batteries (lithium-iron-phosphate). **Benefits:**

- -Very long lifespan guaranteed 5000 charging cycles (~10 years)
- -Operating time (up to 8h with 2 batteries at the same time in the camera)

Picture capture & Video recording

Pictures (up to 1000) and Video (up to 8h) can be:

- Live Pictures can be sent to a computer, tablet or smartphone thanks to optional wireless stick.
- Downloaded into a computer via a USB cable





Vehicle Charging Bay

Very space-saving mountable! Power supply 12/24 VDC or 100-240 VAC. Can charge up to 4 batteries at the same time (2 in the camera and 2 spares)





Camera standard features:

	Color modes		Features					
Designation	Color modes	Max color modes	Battery	Freeze mode	Side trap	Video recording	Picture capture	USB cable
LEADER TIC 4.1X (1CS)	Fire (std.)		2		No, but available attachment			
LEADER TIC 4.1X (V)	Fire (std.)		2		points for zippers and/or neck strap	Automatic recording at start ON		\checkmark

P = PictureV= Video + Picture

Camera optional accessories:

	Wireless Transmission kit	Only compatible with cameras equipped with Video recording
Weeken — OZ	Pack of 2 spare batteries	
CT .	Cable charger	Available in 12/24V or 100V- 240V
9564	Watertight Carrying case	IP67
and)	Vehicle charging bay	Charge batteries inside the camera

	Vehicle charging bay with additional slots	Charge batteries in the camera + 2 extra spare batteries
	Power supply for charging bay	Exist in 12/24V and 100V-240V with US or EU plug
	Retractable lanyard	1.1 lbs or 2.2 lbs tension force
(Neck strap	Fire-proof (Kevlar)
	Protection hood	Increases time exposure x2 to high temperatures
1	Removable pistol grip	Pistol grip = 0.37 lbs Incl. mounting tool





