

C4i *communication*

EXPERIENCE THE DIFFERENCE
YOUR SECURITY & SAFETY PRODUCTS

C4i-FAL1934D THERMAL FUSION HOLOSIGHT



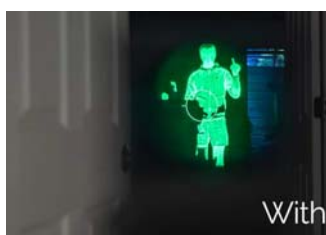
Defence & Security, Law enforcement

The **C4I-FAL1934D** thermal fusion holo sight is a revolutionary thermal fusion sight that combines the speed of standard red-dots with instant thermal overlay capability without a separate auxiliary device, providing rapid detection capability and enhancing situation awareness. With a wide 34x25mm rectangular window that is larger than popular Eotech models and a high mounting base, the **C4I-FAL1934D** maximizes situational awareness and allows a more natural "heads-up" and both-eyes-open shooting position.

The thermal signatures are gathered with its built-in 19mm thermal objective lens, processed using its 12um 384x288 thermal core, and projected at 50Hz directly on the sight's see-through window via a green-hot or black-hot overlay.

The **C4I-FAL1934D** features different colour palettes/thermal modes: full thermal, outline, and highlight. The **C4I-FAL1934D** takes 2x CR123A batteries on-board or, for extended battery life, accepts 5V power via USB-C.

The **C4I-FAL1934D** features both an Eotech style reticle with thermal overlay, and a standard red or green dot for use as a standard day optic if no thermal capabilities are desired, boosting battery life.



Red Dot



Thermal



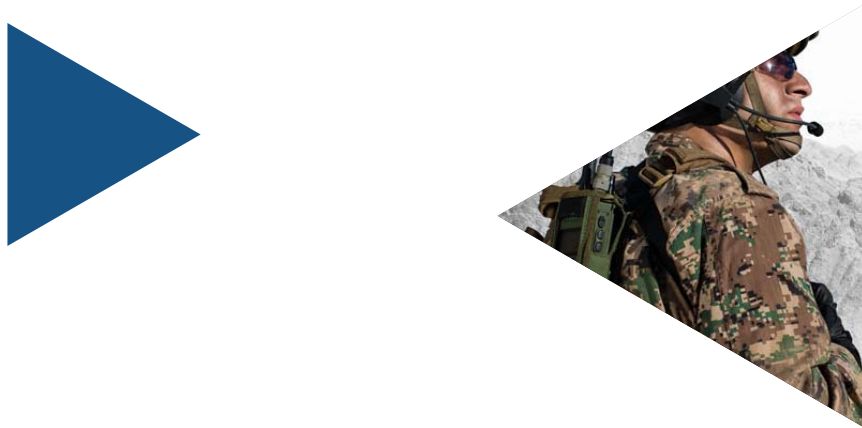
Target Highlight



Target Outline



	TECHNICAL CHARACTERISTICS	TECHNICAL CHARACTERISTICS
Direct View Optics	Magnification	1×
	Display	High luminance OLED
	Window Size	34mm×25mm
	Eye Relief	90mm
Thermal Channel	Resolution, pixels	384×288/12μm
	Objective Lens, mm	f19 /F1.0
	Recognition Distance	450m
	NETD	≤40mk
	Frame Rate, Hz	50Hz
	FOV	13.8°x10.4°
	Focus Range	5m [∞]
	Digital Zoom	1×、2×
	Mode	Red dot/Full/Fusion/Outline
	Polarity	Green hot/Black hot
	Electrical	Battery Type
Battery Life		Thermal mode>4h Red dot mode>65h
Electrical Interface		5V (USB-C)
Mechanical	Interface	Picatinny
	Weight (with battery)	<660g
	Dimension	175mm×63mm×104mm
Environmental	Operating Temperature	-40°C ~ +50°C
	Storage Temperature	-50°C ~ +60°C
	IP Rating	IP67



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