

Model		
		Fast FAL19/1×34D
Magnification, ×	1	
Display	High luminance OLED	
Window Size, mm	34×25	
Eye Relief, mm	90	
Pixel Size, μm	12	
Resolution, pixels	384×288	
Objective Lens	f19 /F1.0	
Recognition Distance, m	450	
NETD, mK	≤25	
Frame Rate, Hz	50	
Field of View, °	13.8×10.4	
Digital Zoom, ×	1, 2	
Imaging Modes	Red dot/ Thermal/ Target Highlight/ Target Outline	
Polarity	Green Hot/Black Hot	
Battery Type	2×CR123	
Battery Life, h	Thermal mode > 4 Red dot mode > 65	
Interface	5V (USBC)	
Mechanical Interface	Picatinny	
Weight,g	590	
Dimension, mm	175×62×86	
Operating Temperature, °C	-40 ~ +50	
IP Rating	IP67	



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Thermal+ Fast Series

FAL19/1 × 34D

Fast is a red-dot/thermal fusion scope, combined with the red dot and thermal imaging technology. It directly integrates thermal imaging with realistic scenes to enhance users' situational awareness to focus on close combat, which facilitates all-weather outdoor hunting, tactical, airsoft, home security and law enforcement.



All-weather and All-day Use

InfiRay FAST gives users the flexibility to complete complex missions in challenging, fast-changing environments, whether in the day or in dark. Its red dot and thermal imaging channels combine the functions of the two types of scopes to actually realize all-weather outdoor hunting, tactical and airsoft, without having to repeatedly calibrate the fire-arms.



Ultra-large Window

The 34mm×25mm large window design allows users to better discover and track their targets. The 1× visual magnification capability delivers evident advantages when used for observation at close range for quickly aiming at moving targets. Both eyes can be open simultaneously to achieve stereoscopic vision and enhance situational awareness.



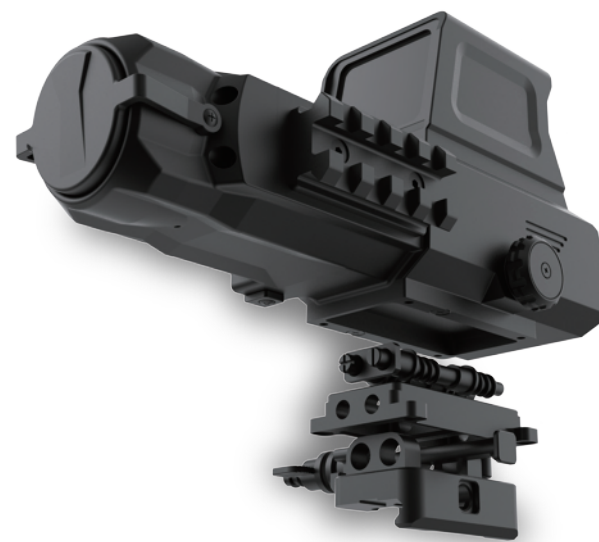
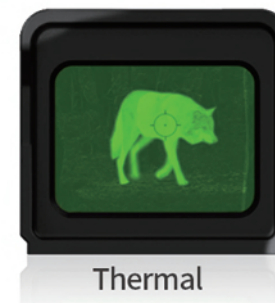
Use with 3× Magnifiers



From the perspective of user's visual experience, Fast is equipped with 3× magnifiers to choose from, which helps to aim more comfortably while also shooting targets accurately.

Various Modes for Different Usage Scenarios

No matter how the lighting conditions and the complex environments may be, one of the red-dot, thermal, target highlight and outline modes is able to satisfy your specific requirement.



Ultra-precise and Ultra-reliable

Fast has passed rigorous reliability tests. It hardly moves at the zero position at all under the impact of up to 1200g more than 20,000 times. At the same time, the accuracy of Fast can reach 2MOA. FAST is suitable for long-term use with 7.62mm guns.

Multi-layer Coating Technology

Advanced multi-layer coating technology effectively reduces the interference caused by stray light during use, realizes excellent transmittance during the daytime, and allows for outstanding observation experience in various usage modes.

