NIGHT VISION Thermal Night Vision Systems



NV-E30CC, Thermal Imaging Sights

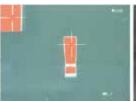
NV-E30CC is a thermal weapon sight which is widely used for law enforcement. It can detect heat of any targets against cooler background during day or night, especially in severe conditions such as total darkness, haze, dust, sleet, forest, grass, disguise and so on.

Application Case:

Law enforcement • Targeting systems • Defense systems.

Features: Pixel pitch 17 µm, NETD≤70mK • 50Hz instant imaging, 3s start-up • 35, 50 & 75mm lenses for option • PIP function • AMOLED 1024×768 • Color mode: black hot/white hot/red hotm • LRF: 600m, ±2m.







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Model NV-E30CC					
Detector Data					
Туре	Uncooled FPA				
Material	aSi				
IR resolution	384×288				
Pixel pitch	17μm				
Spectral range	8~14µm				
NETD/Sensitivity	≤70mK				
	Lens Data				
FOV/Focal distance	10.6°×8.0°/35mm		7.5°×5.5°/50mm		
Recognition distance (Vehicle)	950m		1200m		
Recognition distance (Human)	320m		420m		
F	F 1.0				
Distance of exit pupil	48mm				
Diopter	-5 ∼ +5				
Image Performance					
Display	1024×768 OLED				
Frequency	50Hz				
Amplification	2X, 4X				
Polarity/LUT mode	Black hot/White hot/Red hot				
Pip	Yes				
Reticle color	White/Black with reverse				
Reticle type	5 reticle types (customizable)				
Startup time	3s				
Contrast/Brightness	Auto/Manual				
Laser Ranging					
Wavelength	905nm				
Ranging distance	600m				
Ranging accuracy	±2m				
Interfaces					
Format	Waterproof avid	ition plug	(with power,vide	eo,RS232)	
Picatinny rail		MIL-ST	D 1913		
Video output		PAL			
Power System					
Battery type	Non-removable, rechargeable lithium battery				
Operating time	≥5h continuous				
Environment Parameters					
Operating temperature range	-20°C ~ +50°C (-30°C ~ +60°C optional)				
Storage temperature range	-40°C ~ +70°C				
Encapsulation	IP66				
Shock & Vibration	MIL-STD-810F				
	Physical Data				
Size (without eyepiece)	200mm×115mm×78mm(with 35r	mm lens)		×78mm(with 50mm lens)	
Weight (with battery)	900g (with 35mm lens)		1000g (with 50mm lens)	
Packing					
Standard	Thermal imaging sights, Combination cables, Picatinny rail, Warranty card, User manual, Certificate, Transport case				
Option	DC 5V power adapter				