

Eagle70CC

Thermal Imaging Sight

Eagle70CC is the thermal weapon sight with high resolution which is widely used for law enforcement. With shutterless technology, it can continuously 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, etc.

Features

High resolution, 640×480

Shutterless technology

50Hz imaging in real time

Compact and anti-shock design

Photo & video recording

Applications

Searching and rescue

Targeting system

Law enforcement



Technical Specifications

Item	Eagle 70CC		
Detector Data			
Type	Uncooled FPA		
Material	aSi		
IR resolution	640×480		
Pixel pitch	17μm		
Spectral range	8 ~ 14μm		
NETD/Sensitivity	≤60mK		
Lens Data			
FOV/Focal distance	17.6°×13.2°/35m	12.4°×9.3°/50mm	8.3°×6.5°/75mm
Focus range	3m ~ ∞	5m ~ ∞	8m ~ ∞
Recognition distance(Vehicle)	950m	1200m	1600m
Recognition distance(Human)	320m	420m	600m
F	F 1.0		
Eye relief	48mm		
Diopter	-6~+4		
Image Performance			
Display	800×600 OLED		
Image enhancement	IVE image enhancement algorithm		
Frequency	50Hz		
Zoom	2X, 4X		
Polarity/LUT mode	Black hot/White hot		
Reticle color	White/Black		
Reticle type	6 reticle types		
Startup time	4s		
Contrast/brightness	Manual		
Interfaces			
USB	Yes		
Picatinny rail	MIL-STD 1913		
Video output	PAL		
Storage card	32G		
Power System			
Battery type	2pcs 18650 lithium battery		
Operating time	≥6h		
Environment Parameters			
Operating temperature range	-20°C ~ +50°C		
Storage temperature range	-40°C ~ +70°C		
Encapsulation	IP67		
Vibration	MIL-STD-810F		
Shock	MIL-STD-810F		
Physical Data			
Size(without eyepiece)	187mm×87mm×	213mm×87mm×77mm	252mm×99mm×87.5mm
Weight(with battery)	<900g	<1kg	<1.2kg
Packing			
Standard	Thermal imaging sight, 4pcs batteries, Charger, Picatinny quick release interface, Composite output cable, Warranty card, User manual, Certificate, Transport case		
Option	DC12V power adapter		