

# Eagle30CC

## Thermal Imaging Sight

**Eagle30CC** 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.

### Features

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Pixel pitch 17 $\mu$ m, NETD $\leq$ 70mK

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50Hz instant imaging, 3s start-up

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35mm and 50mm lenses for option

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PIP function

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AMOLED 1024 $\times$ 768

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Color mode: black hot/white

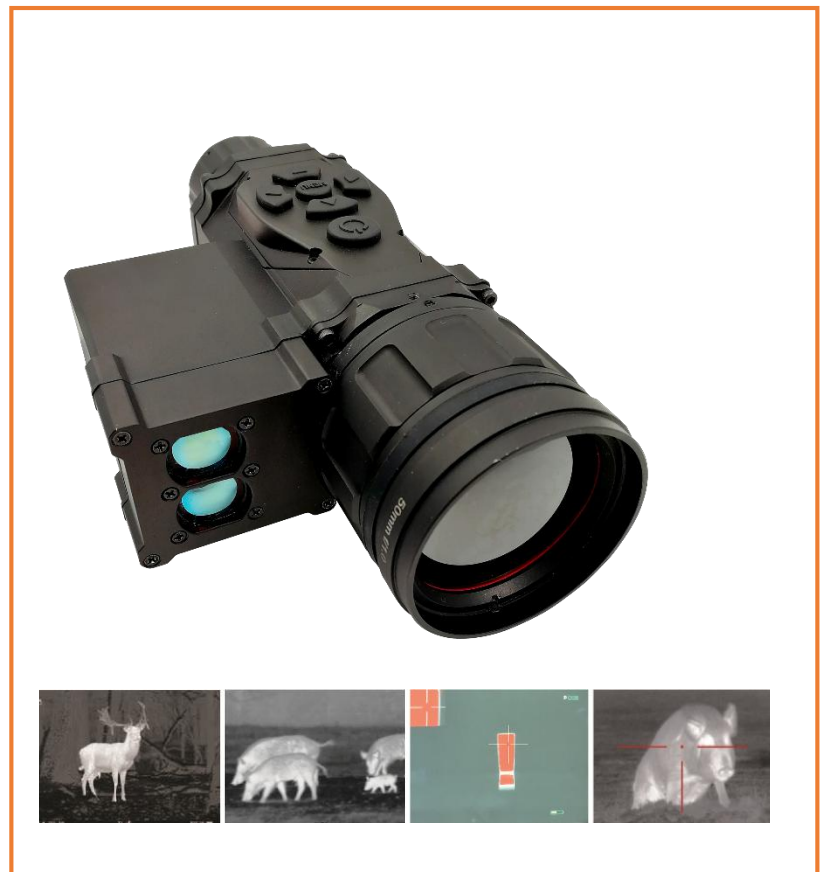
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hot/red hot

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LRF : 600m, $\pm$ 2m

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### Applications

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Law enforcement

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Targeting systems

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Defense systems

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## Technical Specifications

<b>Item</b>	Eagle30CC	
<b>Detector Data</b>		
Type	Uncooled FPA	
Material	aSi	
IR resolution	384×288	
Pixel pitch	17μm	
Spectral range	8~14μm	
NETD/Sensitivity	≤70mK	
<b>Lens Data</b>		
FOV	10.6°×8.0°	7.5°×5.5°
Focal distance	35mm	50mm
Recognition distance(Vehicle)	950m	1200m
Recognition distance(Human)	320m	420m
F.no	1.0	
Distance of exit pupil	48mm	
Diopter	-5~+5	
<b>Image Performance</b>		
Display	1024×768 OLED	
Frequency	50Hz	
Amplification	2×, 4×	
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	
<b>Laser Ranging</b>		
Wavelength	905nm	
Ranging distance	600m	
Ranging accuracy	±2m	
<b>Interface</b>		
Format	Waterproof aviation plug(with power,video,RS232)	
Video output	PAL	
Picatinny rail	MIL-STD 1913 Picatinny Rail	
<b>Power System</b>		
Battery type	Non-removable, rechargeable lithium battery	
Operating time	> 5h continuous	
<b>Environment Parameters</b>		
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	
<b>Physical data</b>		
Size(without eyepiece)	200mm×115mm×78mm(with 35mm lens)	220mm×115mm×78mm(with 50mm lens)
Weight(with battery)	900g(with 35mm lens)	1000g(with 50mm lens)
<b>Packing</b>		
Standard	Thermal imaging sights, Combination cables , Picatinny rail, Warranty card, User manual, Certificate,	
Option	DC 5V power adapter	