Thermal Master

NV300

Detect Life
300m Anti-Collision



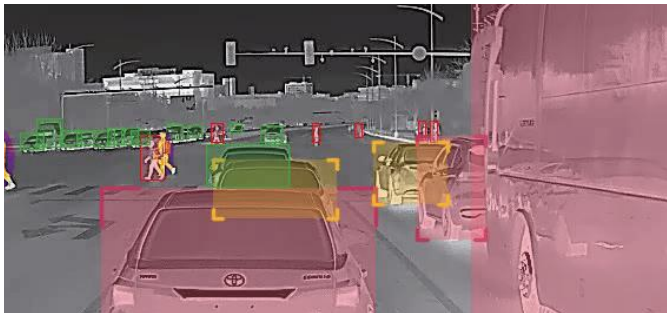
328 Yards
Long Night Vision

0.1S
Ultra Fast Response

AI {Det}
Life Collision Warning

Zero Lag
Shutterless

256 to 512
IR Resolution





Specifications

Model	NV300
Night Vision Distance	328 Yards (300m)
Response Time	0.1s
Collision Warning	AI {Det} Life Collision Warning
AI Recognition	Automatic recognition of pedestrians, vehicles, animals, vehicle distance, start-up
IR Resolution	256 to 512 IR Resolution
HD Super Resolution	Supported
Infrared chips	Thermal Master high performance detector
Operating Temperature	-4°F~176°F (-20-80°C), suitable for extremely cold, extremely hot, windy, and sandy weather
IP69K	Resistant to 80°C high temp and high pressure spraying, 100% dust proof
Razor X	Supported
Automatic Defrost	Supported
Mounting Method	5 Min quick pre-assembly of roof
Palette	9 thermal imaging palettes
Storage	Built-in 1GB RAM + 8GB ROM, expandable with a 64GB TF card
WiFi	Supported
Screen Brightness	Automatic environmental sensing, adaptive screen brightness
Supported Vehicle Models	Car/Pickup/Truck/Bus/School Bus/RV
AI Computing Ability	4Tops
AI Algorithm	Exclusive AI-PILOT intelligent algorithm
Warning Sensitivity	Three options: High, Middle, and Low
Warning Type	Two options: Sound and Image
Frame Rate	25Hz
FOV	25°× 19°
Automotive Grade Authentication	IATF16949
Power Supply	DC 12V and 24V (car charge)
Power Consumption	≤6W ≤9W (automatic defrost)
Video Interface	GMSL
Physical Interfache	FAKRA
Dimensions	W: 95mm, L:111mm, H:51mm (Host) W: 107mm, L:128mm, H:48mm (Camera)
Weight	305g (Host) 198g (Camera)

About Us

Thermal Master, Leading in Phone Thermal Cameras.
Thermal Master is dedicated to opening a new world of thermal vision for explorers worldwide, keeps pursuing excellence and innovation.
Thermal Master, for a greener Earth.

Thermal Master Technology Co., Ltd.

Tel: +1(346) 247-6555
Web: www.thermalmaster.com
E-mail: sales@thermalmaster.com