

JH-NTG8000CZ

Multifunctional Cooled Thermal Imaging Camera

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Detector type	MCT
Working band	3um~5um
Pixel pitch	15um
Resolution	640x512
Startup time	≤8min@25°C
Focal length	20~200mm(continuous zoom)
F#:	4.0
FOV	2.8°x2.2°~13.8°x11°
Frame rate	25Hz
NETD	≤20mk
Focusing method	Electronic
TV camera module	
Resolution	2592x1944 coloring image
Pixel pitch	2.7um
Focal length	4.5~148.5mm
Focusing method	Electronic
FOV	2.0°x1.6°
Fog penetration	Colored permeable fog / Black and white permeable fog
Laser ranging module	
Wavelength	1535nm
Measuring range	80m~8km(Visibility 8km, side of medium-sized vehicle or equivalent target plate)
Distance measurement accuracy	±1m
Repetition frequency	≥0.5Hz
Accuracy	98%

E-compass module	
Azimuth	0°~360°
Pitch	-90°~+90°
Roll angle	-180°~180°
Resolution	0.01°
Repetition frequency	≥0.5Hz
Beidou positioning module	
Radio frequency	1559~1577MHz
RF VSWR	≤1.5
Antenna gain	15~30dB
Positioning accuracy	2.5CEP
Storage module	
Memory	64GB
Video format	AVI
Image format	BMP
Video recording	≥4hours
Image storage	≥10,000 original still images
OLED and eyepiece	
OLED	1280x1024 High-resolution color
Diopter	-4~+4
Physical properties	
Host weight	3kg(with battery and eye mask)
Carrying weight	≤6kg(with battery, wristband, eye mask, backup battery, bag)
Protection	
Working temperature	-40°C~+55°C
Storage temperature	-55°C~+70°C