

JH-NTG5000

Laser Ranging and Positioning Thermal Imager

NTG5000

Laser Ranging and Positioning Thermal Imager



NTG5000

Laser Ranging and Positioning Thermal Imager

Detector	Uncooled FPA
Resolution	1280x768
Pixel pitch	12um
Work band	7.5-14um
Focal length	F=65mm(f#0.9)
FOV	5.75° x4.31°
External magnifying glass	Yes
Focusing method	Electronic
NETD	≤40mk@30℃
Frame rate	50Hz
Image processing	Digital image detail enhancement (DDE) adjustable from 0 to 64 levels.
Display	OLED, 0.61inch
Resolution	1280x768
Digital magnification	2~16x digital magnification(IR)
TV camera	
Work band	Visible light band, with fog-penetrating function, 4 adjustable levels.
Focal length	225mm
Zoom	Electronic(36times optical zoom)
Focusing	Auto/ electronic
Image stabilization	Image stabilization level, three adjustable levels
Video frame rate	25Hz/s
Laser rangefinder	
Measuring range	5km; 10km; 20km
Laser wavelength	1535nm
Storage	
Storage method	SD card
Video recording	AVI format, It can store at least 5 hours of

	video recordings.
Other	
GPS positioning	The device's location is displayed within two seconds of powering on, and the target location is located and displayed within one second.
wireless transmission	It has a built-in wireless transmission module, which can connect to the network and upload information.
Information display	It can display information such as battery level, time, wind speed, electronic compass, pitch angle, and coordinates of itself and the target.
Differentiation pattern selection	There are 7 different styles to choose from and 8 different colors to choose from.
System text color	The system menu color can be set to white, blue, red, purple, green, cyan, or yellow.
Electrostatic discharge immunity	The experiment conforms to the requirements of GB/T 17626.2-2018 and is classified as Level 3.
Power and interface	
Battery	Lithium battery, chargeable
Working time	5hours
Charger	Smart charger
Power	DC 9-12V
Power consumption	≤5W
Data transmission	USB
Physical properties	
Dimension	≤210x185x100mm
Weight	≤2.7kg (with battery)