

ComNav



HV100 Series

Marine Thermal Handheld Cameras

Exceptional Night Surveillance

- Law Enforcement, Patrol and Reconnaissance
- Search and Rescue, Safety and Security
- Detection greater than 1.4km
- Identification 0.7Km
- 640x 480 Resolution
- OLED visual acuity
- 16GB built-in memory
- Connects to external display.
- Crystal clear Images
- Multiple functions
- 3-year warranty



	HV100	HV150
DETECTOR		
	Standard unit	
Resolution	400 x 300, 17µm	400 x 300 17µm
Detector Type	VOx, 8 to14µm	
LENS		
Focus	Manual	
FOV	15.4° x 11.6° (± 5%)	7.8° -5.8°
IMAGE		
Image enhancement	Auto image filtering and sharp	
Brightness / Contrast	Auto / Manual	
Color Palettes	White-hot / black-hot, adjustable red hot, Iron hot, Blue hot, Green hot	
Digital zoom	1-4x	1- 4x
Video storage	16GB	
View finder	OLED 1280 x 960, visual acuity	
POWER		
Power input	12V power adapter or built-in Li-ion battery	
Working time	≥ 5h (without changing battery)	
INTERFACE		
Electrical interface	Micro HDMI	
Mechanical interface	1/4-inch standard interface	
ENVIRONMENTAL PARAMETERS		
Working temperature	-30°C - 50°C Except for display equipment)	
Encapsulation	IP66	
Standards	IP66, FCC, CE, RoHS, EAC	
PHYSICAL CHARACTERISTICS		
Weight	≤ 880g (including battery)	
Size	≤ 214mm x 65mm x 71mm	
PACKAGE		
Standard	2 x(replaceable) batteries, power adapter, USB cable (Type C) Micro HDMI cable, Lens cap, Wrist strap, Inner bag, Quick start guide	
Optional	Extended Bracket	
DETECTION		
Human	(1.8m x 0.5m) 700m	1400 meters
Vehicle	(2.3m x 2.3m) 1200m	2000 meters
RECOGNITION		
Human	(1.8m x 0.5m) 400m	700 meters
Vehicle	(2.3m x 2.3m)700m	1100 meters

ComNav®



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