

BOUNDLESS OUTDOOR EXPLORATION WITHIN YOUR REACH



ND-IR Series

Head-Mounted Thermal Imaging Monocular

COMPANY PROFILE

Chengdu Jingpin Night Vision Optoelectronics Technology Co., Ltd. (JPNVision), a subsidiary of Vital Optics Technology Co., Ltd. (Stock Code: SZ 300489), specializes in pioneering infrared thermal imaging technology. We offer a wide array of products, from infrared cores and thermal imaging modules to night vision and visual perception devices, catering to a global clientele alongside tailored solutions. Leveraging cutting-edge proprietary technology and a commitment to customer satisfaction, JPNVision represents the forefront of industry innovation. We are devoted to enhancing human sensory experiences and shaping a new era in the world of perception.

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DEALER



FACEBOOK



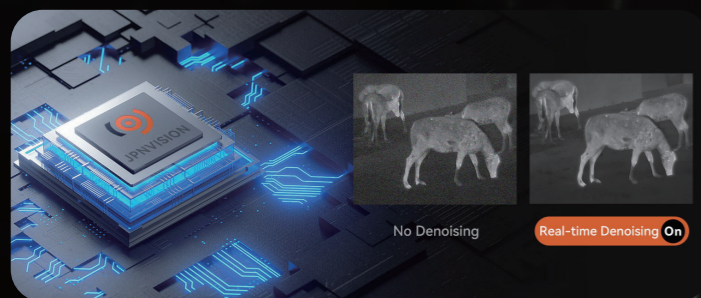
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Series	ND-IR			
Model	ND-IR-E16	ND-IR-E9	ND-IR-Q16	ND-IR-Q26
Detector	Uncooled VOx Microbolometer			
Resolution, pixels	384×288/12μm		640×512/12μm	
Frame Rate,Hz	50Hz			
Shutterless	No Shutter Calibration			
Display	0.39" OLED 1024×768			
Objective Lens (F1.0)	16mm	9.6mm	16mm	26.7mm
Field of View	16.4°×12.3°	27°×20.4°	27°×21.7°	16.4°×13.1°
Visual Magnification	1-4x			
Eyepiece Diopter	-6~+3	-5~+5	-5~+5	-6~+3
Eye Relief	25mm			
Output Wavelength/Power	650nm/2-5mW			
Spot Range	> 100m			
Spot Size	< 20mm			
Digital Zoom	1-4x			
Electronic Compass	Azimuth / Pitch / Roll			
Wi-Fi	√			
Video/Image Capture	√			
Spectral Band	8~14μm			
NETD	≤ 25mk@300K			
Palettes	White Hot / Black Hot/ Iron Red / Deser Yellow Green Hot / Red Hot / Sky / Edge			
Use Method	Handheld, Head-mounted, Clip-On			
Weight	≤ 250g			
Dimensions	119×39×79mm			
Power Supply	One 18650 Li-ion Battery			
Standby Time (Without WiFi)	≥ 4h			
Interface	Power Supply/Serial Por/Analog Video Output/Type-C			
Mechanical Interface	2 x 1/4 Threaded holes, Piccattini Rail			
Operation Temperature	-20°C ~50°C			
Protection Rating	IP67			
Reliability	800g Shock Resistance			
Adaptability	All-weather			
Recognition Range (Human)	370m	220m	370m	630m
Detection Range (Human)	1500m	900m	1500m	2500m
Accessory Kit	Helmet support, Carrying Bag, User Manual, Cleaning Cloth, Picatinny rail(Optional)			



Shutterless



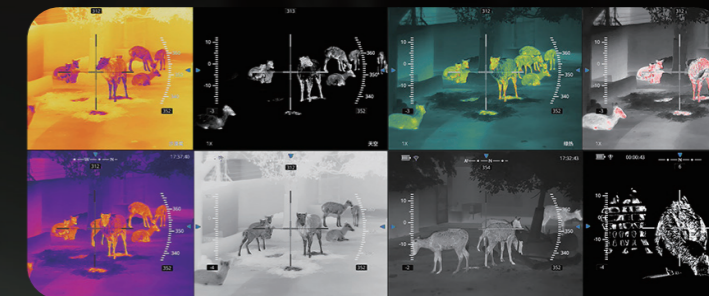
Real-time Denoising



Small Size and **Wight** ≤ 250g



WiFi Transmission



8 Kinds of Palettes



Handheld, Head-mounted Clip-on or Scope



Hot Track



IP67