

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



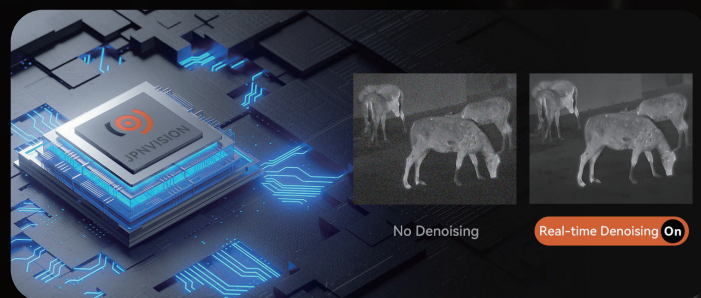
LINKEDIN

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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 | ≤ 35mk@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, well-matched support, Carrying Bag, User Manual, Cleaning Cloth | | | |



Shutterless



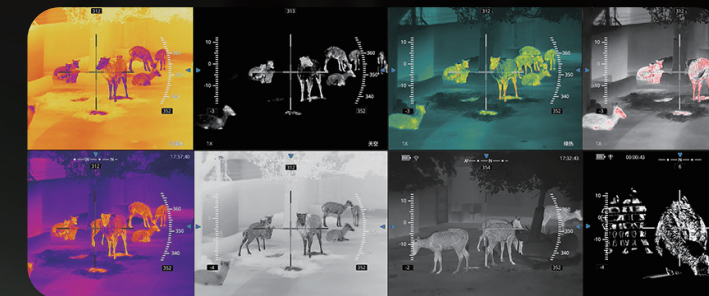
Real-time Denoising



Small Size and **Wight** ≤ 250g



WiFi Transmission



8 Kinds of Palettes



Handheld, Head-mounted Clip-on or Scope



Hot Track



IP67