



DESIGN  
AWARD  
2025

IRVOTEX

Series	SMART							
Model	S-IR-E10	S-IR-E19	S-IR-E25	S-IR-Q19	S-IR-Q25			
Detector	Uncooled VOx Microbolometer							
Resolution, pixels	384×288/12μm		640×512/12μm					
Objective Lens (F1.0)	9.7mm	19mm	25mm	19mm	25mm			
Field of View	26.7°×20.2°	13.8°×10.4°	10.5°×7.9°	22.9°×18.4°	17.5°×14.0°			
Visual Magnification	1~4	1.8~7.2	2.4~9.6	1.1~4.4	1.5~5.8			
Laser Indicator (IRS)	650nm   Class II   Range >100m							
Spectral Band	8~14μm							
Eyepiece Diopter	-5~+5							
Eye Relief	23mm							
NETD	≤ 25mk@300K							
Display	0.39"OLED 1024x768							
Digital Zoom	1x, 2x, 4x							
Frame Rate.Hz	25Hz	50Hz	50Hz	50Hz	50Hz			
Protection Rating	IP67							
Power Source	one 18650 battery (built in)							
Operating Time	≥ 7h	≥ 6h	≥ 6h	≥ 6h	≥ 6h			
Interface	Type-C							
Weight (Including batteries)	≤ 251g		≤ 260g					
Dimensions	≤ 170×60×59mm							
Operating Temperature	-20°C ~+55°C							
Detection Range (Human)	450m	900m	1200m	900m	1200m			
Detection Range (Animal)	400m	800m	1000m	800m	1000m			

## 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

# BOUNLESS OUTDOOR EXPLORATION WITHIN YOUR REACH



**SMART** Series Thermal Imaging Monocular

\*The above data and content are for reference only. In case of any changes or adjustments, no further notice will be given. The actual product shall prevail. All the content on this screen/page should not be construed as the benchmark parameters upon product delivery or as an implication of the product's usage effect.



**Small Size and Weight  $\leq 260g$**



**Working Time up to  $6h$**



**WiFi Transmission**



**NETD $\leq 35mK$**



**Resolution  $384\times 288$**



**Picture in Picture**



**Hot Track**



**IP67**