



## APPLICATIONS

- *Long- to Short-range Reconnaissance*
- *Day/Night Operation*
- *Search and Rescue*
- *Perimeter Security*
- *Law Enforcement*

## **LWIR OPTICAL ZOOM IRZ-2575**

### SPECIFICATIONS

*Sensitivity: <80mK NE $\Delta$ T*

*Focal length: 25mm - 75mm  
Continuously Variable*

*Zoom Ratio: 3:1 @ f/1*

*Microbolometer Array: 320 x 240  
@ 25.4  $\mu$ m pitch*

*Environment: 0°C to 60°C*

*Dimensions: 3.4" dia x 4.5" long*

*Weight: 750g*

*Digital Control: TTL*

*Video Out: NTSC/J-MPEG*

*Power: 12V, 5W*

*Spectral Band: LWIR (8-12  $\mu$ m)*

### **HIGH-PERFORMANCE IN A SMALL PACKAGE**

- All-optical Zoom
- Superior Resolution over Electronic Zoom Systems
- LWIR Microbolometer FPA
- Diffraction-limited Resolution
- Internet Ready
- Ranges up to 4 km
- Penetrates Smoke, Darkness
- Defeats Camouflage
- Available in Dualband System with Infrared and Color VIS

Export of this product is regulated by the U.S. Department of State in accordance with the guidance of "International Traffic in Arms Regulation (ITAR)" per Title 22, Code of Federal Regulations, Parts 120-130.

**CUSTOM-DESIGNED SOLUTIONS TO MEET YOUR IMAGING NEEDS**

**BODKIN DESIGN & ENGINEERING, LLC**