

IPI-Bi16

Binocular Handheld Thermal Imager

With renewed figure and superior functions, IPI-Bi16 sets a new standard for small, light weight thermal imaging cameras, which is your ideal choice for day-and-night security surveillance. Thermal image and video storage function stores the detection process as an evidence for review. Well-sealed housing enables IPI-Bi16 with good encapsulation which fulfills the requirement of tough operation. With all these features, it is essential for public safety, police office and security operations.

Applications

- Search and rescue
- Security monitoring
- Portable law enforcement
- Border security
- Routine patrols

Features and Benefits

- Light-weight and rugged design
- Unmatched imaging performance
- Image capture, mission reporting
- Waterproof and shockproof
- License free and rapid delivery





IPI-Bi16

Image Performance	
Detector Type	Uncooled FPA
Spectral Range	8-14 μ m
Pitch	25 μ m
Pixels	384x288
NETD	\leq 80mK
Optics	
Focal Length/F#	61mm/F=0.8
FOV	9° x6.75°
Image Presentation	
Video Output	PAL
Image Frequency	50HZ
Brightness/Contrast	Auto & manual control
Polarity	B&W, B&W inverse
Electronic Zoom	x2
Image Display	2 OLED viewfinders
Image Storage	
Type	Fixed 4GB SD card
File Format	JPG
Video Recording	Yes
Power	
Power Supply	100~240V AC adaptor
Battery Operating Time	3 hours continuous operation
Interfaces	
Command and Control	RS232/422
Video Output	Analog composite video output
USB2.0	Image and video transfer to PC
Environmental Specification	
Operating Temperature	-40°C to 60°C
Storage Temperature	-50°C to 70°C
Humidity	Operating and storing 10% to 95%, non-condensing
Encapsulation	IP67
Physical Characteristics	
Size	195mm x 166mm x 63mm
Tripod Mounting	1/4" -20
Weight	1.5kg(without batteries)
Detection Range	1.7m people>2km, 2.3m vehicle>2.8km
Recognition Range	1.7m people>1.1km, 2.3m vehicle>1.5km