

IR-3000 Cooled Infrared Thermal Imaging Binocular



Detection Range: Object Size 2.3mx2.3m Max 8klm
Object Size 1.7mx1.0m Max 4klm

	Items	Technical Specification
Detector characteristics	Detector type	HgTeCd Cooled FPA detector
	Array size/format	320×256
Image characteristics	Field of view/min focus distance	Wide 9.2°×7.3° /5m Narrow 2.3°×1.8° /30m
	Spatial resolution [IFOV]	Wide 0.5mrad Narrow 0.125mrad
	NETD	≤20mk@30° F2
	Frame rate	50HZ
	Focus	Automatic/manual
	Spectral range	3.7-4.8μm
	Start on time	<8 minutes
Thermal image adjust	Brightness/Gain adjustment	Automatic/manual
	Auto brightness/Gain mode adjustment	2 Fixed mode 8 User-defined mode
	Image polarity	Hot black/hot white
	Electronic zoom	2x
	Noise reduction	Yes
	Image enhancement	Yes
	Calibration	Auto revise in start-time, manual revise in stable time
Power supply	External power	27±3V DC
	Power consumption	14W(@ 25°C normal operation)
Environment	Operating temperature	-40°- +50°
	Storage temperature	-45°- +65°
	Encapsulation	IP67
Physical characteristics	Weight	≤8Kg
	Dimensions	410 mm ×147 mm ×169 mm
Interface	External DC input	Yes
	Video output	PAL
	Remote control interface	RS422
	Input interface	External synchronization