

Thermal Binocular



Features:

- Day/night passive operation
- Compact uncooled for field use
- Microbolometer FPA

Applications:

- Day/night scouting
- Border & perimeter patrol
- Hunting and theft
- Forest fire



Thermal Binocular

Specifications

Imaging effect	
Detector Type	Uncooled Microbolometer
Spectral Range	8 ~ 14 μ m
Array Format	640 x 480
Pixel Size (Pitch)	17 μ m
NETD(Typical)	< 60mk
Field of View	8°×6°(wide, 75mm Lens) 4°×3° (Middle, 2X digital zoom in) 2°×1.5°(Narrow, 4X digital zoom in)
Power Fact	
Battery Type	Rechargeable Lithium ion battery
Power Consumption	< 3.0 W
Continue Work Time (battery)	> 6 hours
Ready Time from Standby Mode	<10 second
Ready Time from Power of Mode	< 1 minute
External Power Supply	Available (12VDC input)
Input Voltage Range for Battery Charger and Power Adapter	90VAC to 270VAC (24VDC to 48VDC charging facility available)
Full Charging of Battery Time	< 3 hours
Mechanical parameter	
Weight:	< 1.8kg (with battery)
Dimension(mm)	220(L)x165(W)x85(H) mm MAX
Mount Adaptor	Standard tripod mounting (1/4-2")
Environment Suitable	
Operating Temperature	-35°C ~ +55°C
Storage Temperature	-40°C ~ +70°C
Protect Level	IP65; MIL-STD-810G
Interface	
Video Output	PAL / NTSC
Remote Control	RS232
External Power Input	Port available
Display Spec.	
Type of Viewfinder	800X600, 0.6", OLED
Color	Monochrome/ Colors (Optional)



Distance

For man (1.7m X 0.5m)

Detection: 1.7Km

Recognition: 0.6Km



For Vehicle (4.01m x 1.875m x 1.54m)

Detection: 3.7Km

Recognition: 1.3Km



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Specifications are subject to change without prior notice.

Cantronic Systems (Canada) Inc. DS-HBTI-201505