



Wuhan Joho Technology Co., Ltd

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Address: No.6, 3rd Road of Huagong Science

&Technology Zone, East Lake New Technology

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JH640–1100 Long Range Thermal Security Camera

JH640–1100 thermal security camera is equipped with top–end 640×512 high resolution MWIR cooled sensor and 110~1100mm continuous zoom lens, capable of clearly distinguish targets at long range. It is either to be used independently for long range surveillance or for border /coastal EO/IR system integration, featured with long range surveillance.

Technical specification

Detector	
Detector	Cooled FPA MCT
Resolution	640×512, 15 μ m
Spectral band	3.7~4.8 μ m
NETD	25mk@25°C
Cooling	Stirling cooler
Cool down	8min @ 25°C
Lens	
Focus length	110mm~1100mm continuous zoom
F number	5.5
FOV	0.5° (H) ×0.4° (V) to 5° (H) ×4° (V)
Auto focus	Yes
Lens compensation	Yes
Image Presentation	



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Video output	PAL
Frame frequency	30Hz
Digital video	CameraLink
Brightness&Contrast	Auto/Manual
Calibration	Manual/Background calibration
Polarity	BH/WH
E-zoom	×2, ×4
Reticle display	ON/OFF
Reticle position	Adjustable
Image enhancement	Yes
Image flip	Vertical/ horizontal
Communication control	RS422
Power specification	
Power supply	DC24~32V (with power polarity protection)
Power consumption	Steady operation: $\leq 15W@25^{\circ}C$ Peak: $\leq 40W@25^{\circ}C$
Environmental specification	
Operation temperature	-30°C~+55°C
Storage temperature	-40°C~+70°C
Vibration test	GJB150.16-86/MIL-STD-810F-514.5
Shock test	GJB 150.18-96 /MIL-STD-810F-516.4
High temperature test	GJB150.3-86/MIL-STD-810F-501.4



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Low temperature test	GJB150.4-86/MIL-STD-810F-502.4
Physical Specification	
Weight	≤20kg
Dimension	633.2mm×134mm×252mm
Color	Oxide black

