

JH-M500X

Monocular Thermal Imager

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Model	M500X			
IR				
Detector	VOx uncooled FPA			
Resolution	640x512			
Pixel pitch	12um			
Focal length	25mm	35mm	54mm	75mm
Work band	8~14um			
NETD	≤40mk@25℃， F/1.0			
Frame rate	≤50Hz			
Focusing method	Manual			
Detection distance				
Human (1.7x0.5x0.3m)	1181m	1653m	2550m	3542m
Vehicle(4.5x2x1.5m)	3125m	4375m	6750m	9375m
Recognize distance				
Human (1.7x0.5x0.3m)	295m	413m	638m	885m
Vehicle(4.5x2x1.5m)	781m	1094m	1688m	2344m
Display				
Screen	OLED			
Resolution	1440x1080			
Screen size	0.39inch			
Digital magnification	1x/2x/4x/8x			
Diopter	±5SD			
Color palette	White hot, black hot, fire hot, rainbow, iron red, cold color			

Hot spot tracking	Support
Picture in picture	Support
Language	Chinese(Simplified and Traditional), English, Russian, Germany
Storage	
Capacity	Built-in 16G EMMC(The system occupies a portion of the space, approximately 13.8GB.)
Photo taking	Support
Video taking	Support
Image/video format	JPG/MP4
Interface	
USB interface	Charging/ video and image output
Power supply	
Battery	2pcs of 18350batter, rechargeable
Normal specification	
Overall consumption	≤1.8w
Endurance	≥5hours
Working temperature	-20℃~+60℃
Storage temperature	-30℃~+70℃
Compact resistance	≤1000G
Protection	IP66
Weight/ dimension	
Dimension	201x66x73mm
Weight	650g