

M500X

Thermal Imaging Scope



Model	M500X			
Infrared				
Detector	Infrared uncooled FPA sensor			
Resolution	640x512			
Pixel pitch	12um			
Focus length	25mm	35mm	54mm	75mm
FOV	17.5° x14.0°	12.5° x10.0°	8.1° x6.5°	5.9° x4.7°
Working wavelength	8-14um			
NETD	≤40mK@25°C, F1.0			
Frame rate	≤50Hz			
Focusing mode	Manual			
Display				
Screen	OLED			
Resolution	1440x1080			
Display size	0.39inch			
Zoom	1x/2x/4x/8x			
Diopter adjustment	±5SD			
Color palette	White hot/Black hot/Red hot/Rainbow/Iron rend/Cold color			
Hot spot tracking	Support			
PIP	Support			
Language	Chinese, English, Russia, German			
Storage				
Capacity	Built-in 16G			
Picture and video record	Yes			
Picture and video format	JPG/MP4			
Interface				
USB interface	Charging/Image and video output			
Power				
Battery	1400mAhx2(18350 battery)			
General				
Power consumption	≤1.8W			
Working time	≥5hours			
Working temperature	-20°C~+60°C			
Storage temperature	-30°C~+70°C			
Shock resistance	1000G			
Protection	IP66			
Dimension	201x73x66mm			
Weight(w/o mount)	585g			