

# Parameter

Model	S253	S253H	S256
Detector type	Uncooled focal plane		
Pixel	384×288	384×288	640×480
Field of view	14°×10.5°	10.7°×8.0°	17.7°×13.3°
Focal length	25mm	35mm	35mm
Base magnification	1.64x	2.3x	1.38x
Focus range	1m~∞		
Noise equivalent temperature difference	<50mk@30°C		
Frame rate	50HZ		
Focus	Manual focus		
Electronic zoom	2X, 3X, 4X		
Picture in Picture	Yes		
Distance estimation	Yes		
Wavelength range	8-14μm		
Image transmission	WiFi real-time image transmission, support mobile APP image browsing, taking pictures, video and other functions		
Cross cursor	Yes		
Hot spot tracking	Yes		
Laser pointer	Yes		
Display	Color LCOS1280*960 (eyepiece diopter adjustable)		
Image polarity	Black hot, white hot, red hot, iron red		
Diopter adjustment	Adjust by knob		
Battery type	Lithium battery, rechargeable		
Battery working time	4 hours continuous		
Charging type	USB charging, power bank support		
External power supply	DC5V/2A (Micro USB)		
Working temperature	-20°C- +50°C		
Storage temperature	-40°C- +60°C		
Protection level	IP66		
Drop resistance	1 M		
Weight	0.45kg		
Size	200*71*71mm		
Power connector	Yes		
Video output	PAL		
USB	External charging		

The above data and contents are for reference only, and the actual products shall prevail.