

Thermal Imaging Telescope Specification



MAIN FEATURE

- Small size, one-handed performance
- WIFI image transmission, cellphone APP real-time live view, recording, capture and playback.
- IP66, 1m anti-dropping.
- Kinds of color code, cursor alignment.
- Hot Spot tracking

SPECIFICATION

Item		IR120	IR110
Detector	Detector type	Uncooled FPA bolometer	
	Array size	640×480	384×288
	NETD	80mk@30°C	
Image	FOV	17.8°x13.4°	15.7°x11.8°
	Focal length	35mm	
	Frame rate	50HZ	
	Focus	Fixed	
	Electronic zoom	2X, 3X, 4 X	
	Spectral range	8-14μm	

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	Transmission	WIFI image transmission, cellphone APP real-time live view, recording, capture and playback.	
	Cursor	Yes	
	Laser point	Yes	
Display	Display	Color LCD 640*480	
	Polarity	Black/White/Red-hot	
	Visibility adjustment	Adjust by rotary knob	
Power	Battery type	Li-ion, rechargeable	
	Battery working time	5h	
	Charger	Support USB, power bank	
	External power	DC5V/2A (Micro USB)	
Environment	Working temp	-20°C- +50°C	
	Storage temp	-40°C- +60°C	
	Protection Level	IP66	
	Anti-dropping	1 M	
Physical characteristics	Weight	<0.5Kg	
	Dimension	<230*70*70mm	
Interface	Power port	Yes	
	Video output	PAL	
	USB	External charge	
Detection distance	Human	1600m	1150m
	Vehicle	2300m	1600m
Recognition distance	Human	550m	385m
	Vehicle	780m	535m