Model	AP09	AP13	AL19	AL25
Microbolometer				
Resolution, pixels	256×192		384×288	
Pixel Size,µm	12			
NETD,mK	≤ 40			
Frame Rate,Hz	25		50	
Optical Specifications				
Objective Lens,mm	9	13	19	25
Field of view,°	19.4×12.2	13.5×8.4	13.8×8.7	10.5×6.6
Linear field of view(HxV),mat 100m	34.1×21.3	23.6×14.8	24.3×15.2	18.4×11.5
Magnicication,×	1.3	2.0	2.0	2.5
Digital zoom,×	1/2 1/2/4			
Diopter,D	-7-+2			
Eye relief,mm	20			
Exit pupil diameter,mm	5			
Detection Range, m (Target Size: 1.7m×0.5m,P(n)=99%)	460	670	980	1300
Display Specifications				
Туре	AMOLED			
Resolution, pixels	640×400			
Power Supply				
Battery Type / Capacity / Output Voltage	Built-in lithium ion battery / 3.6Ah / 3.6V			
Working Hours (22°C),h*	9.5		7.5	
External Power Supply		5V (T	ype C)	
Physical Specifications				
IP Rating	IP67			
Memory Capacity,GB	8			
Wi-Fi / APP	Support (InfiRay outdoor)			
Operating Temperature, °C	-20 ~ +50			
Weight,g	<340		<350	
Dimensions,mm	160×60×60		169×60×60	



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The AFFO Series handheld thermal imager is an entry-level thermal imager for hunting users, featuring both a fashionable appearance and a more compact size. The AFFO Series uses a self-developed 12µm detector with 256×192/384×288 resolution to produce crisp images and supports photo taking and video recording with its built-in high-speed 8GB storage capacity.

APD9/AP13/AL19/AL25











AFFO AP13

- High-performance Detector

12_{µm}

The AFFO Series adopts 12 μ m 256×192/384×288 resolution uncooled Vox thermal imaging sensor, the self-developed high-performance sensor enables crisp HD images.

- Attractive Brand New Appearance Design

Rounded curve-design body fits human hand shape, making it more comfortable to hold.





Long Battery Life

Low power elements used in AFFO Series provide sufficient operation time. Up to 9.5 hours operational battery life.



- Additional Practical Functions

The AFFO Series features additional practical functions including stadiametric rangefinding and PIP.

Its adapter is equipped with multiple travel charging headers to meet the needs of use in different countries and regions.

1.Stadiametric Rangefinding:

Facilitate confirmation of prey distance and provide position reference for hunting



Stadiametric Rangefinding

2.PIF

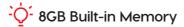
The screen of cursor position is magnified twice to highlight the target and assist in observing the target details



PIP

More image modes to cope with different scenarios

Hot target highlight mode provides better object highlighting capability with more options of white hot, black hot, red-hot and color palette. Wider detection and operating temperature ranges with hotspot tracking function.



The 8GB memory of AFFO Series makes it possible to record all night, meeting the requirements of whole-hunting process recording.



- Upgraded Protection

1. Upgraded lens protection:

Durable rigid plastic lens cap with higher hardness and impact resistance;

2. Upgraded waterproofing:

External screen is used in rainy days for outdoor scenarios to prevent water flowing into the interface.

