

# S25X Series

— Thermal Monocular —



Item	S252	S252H	S253	S253H	S256
<b>Detector</b>					
Detector type	Uncooled FPA				
Resolution	256×192	256×192	384×288	384×288	640×480
<b>Image</b>					
FOV	17.9°*13.2°	12.1°*9.1°	14°*10.5°	10.7°*8.0°	17.7°*13.3°
Focal length	10mm	15mm	25mm	35mm	35mm
Magnification	1.4x	2.0x	1.64x	2.3x	1.38x
NETD	<40mk@30°C				
Frame rate	25HZ	25HZ	50HZ	50HZ	50HZ
Focus	Fixed focus lens		Manual focus lens		
Digital zoom	2X, 4X				
Picture-in-Picture	Yes				
Distance estimate	Yes				
Image transmission	WIFI image transmission, support real-time browsing, photograph, video recording functions etc.				
Cross cursor	Yes				
Hot spot tracking	Yes				
Laser indication	Yes				
Photo and video	Yes				
<b>Image display</b>					
Display	OLED 1440*1080 (Eyepiece adjustable)				
Image polarity	Black-hot, White-hot, Red-hot, Enhanced mode				
Diopter Adjustment	-5D~+5D				
<b>Power supply</b>					
Battery type	Li-Ion battery, Rechargeable				
Operation time	4 hours continuous				
Charging	USB charging and power bank support				
External power	DC5V/2A (Type-c USB)				
<b>Environment</b>					
Working temp.	-20°C- +50°C				
Storage temp.	-40°C- +60°C				
Protection class	IP66				
Drop resistance	1 M				
<b>Physical characteristics</b>					
Weight	±0.39kg		±0.46kg		
Dimension	185*71*71mm		200*71*71mm		
Storage	Build-in, 32GB				
Power interface	Yes				
Video output	PAL				
USB	External charging				
Data Transfer	Connectable to PC for data copy and product upgrade				
Tripod interface	1/4"-20-UNC				
<b>Detection distance</b>					
Human 1.8*0.5m	395m	570m	700m	1000m	1000m
Car 2.3*2.3m	640m	925m	1100m	1500m	1500m
<b>Recognition distance</b>					
Human 1.8*0.5m	200m	295m	350m	500m	500m
Car 2.3*2.3m	320m	460m	560m	790m	790m

**Multi-functional button area**  
The combination of keys makes it easy to operate with one hand.



**Diopter adjustment knob**  
For people with slight myopia or presbyopia who can view the viewfinder directly without glasses.

**Manual Focus**  
Guarantees tack-sharp focus at any distance.

