



S-Series THERMAL RIFLE SCOPE

OBSETECH[®]
advanced observation





CE FC RoHS

The S Series is a high-performance thermal rifle scope designed for operation in challenging environments, including nighttime conditions, fog, dense forests, and battlefield scenarios. Engineered for precision, it enables users to detect hazardous wildlife, identify camouflaged objects, and enhance situational awareness, thereby mitigating potential threats and ensuring safety in unpredictable surroundings.

Semi Knock Down (SKD) delivery is available



Specification

Model	S635 / S635L	S650 / S650L	S675 / S675L	S690
Reference Photo				
IR Detector	640x512, VOx, 12μm, <35mk			
Optic	35mm, f1.0	50mm, f1.0	75mm, f1.2	90mm, f1.2
FOV	12.5°x10.0°	8.7°x7.0°	5.8°x4.7°	4.9°x3.9°
Magnification	2.1~8.4x	3.0~12x	4.2~16.8x	5.3~21.2x
Digital Zoom	2x, 4x			
Video Refresh Rate	50HZ			
Start Up	<3 Seconds			
Diopter	-5 to +5 dpt			
Build in Memory	32GB			
Other Function	GPS, Digital Compass, WIFI, Pitch angle, Compass, Slant angle			
Display				
Type	0.39 inch AMOLED, 1024x768			
Imaging model	Rainbow, Black Hot, White Hot, Iron bow hot, Edge detection			
Reticle	6 type			
Environment				
Working Temperature	-32°C~+55°C			
Protection Level	IP67			
Shock & Vibration	1200g/ms			
Power				
Battery	18650 x 2pcs			
Battery life	>8 Hours			
Optional Accessory				
LRF	1.2km, Accuracy 1m (Maximum Range 1.5km)			/
Physical				
Weight	≤830g	≤850g	≤950g	<1120g
Size	≤235*75*85	≤235*75*85	≤235*82*85	≤235*86*95
Weapon Mount	Picatinny, MIL-STD 1913			
Eyes Relief	40mm	58mm		
Vision Range				
Detection/ Recognition for Human(1.8x0.5m)	1750/875m	2600/1300m	3700/1800m	4500/2250m
Detection/ Recognition for NATO target (2.3x2.3m)	2236/1118m	3195/1597m	4790/2395m	5750/2875m



OBSETECH[®]
advanced observation

UAE:

Al Hamra Industrial Area, Warehouse S6-10,
Ras Al Khaimah, United Arab Emirates

HONG KONG:

Office 1408, 14/F, Witty Commercial Bldg.,
1A-1L Tung Choi Road, Mongkok,
Kowloon, Hong Kong

Email: info@obsetech.com

Web: www.obsetech.com

ADVANCED OBSERVATION TECHNOLOGIES
FOR GLOBAL SECURITY AND SAFETY