



Thermal Night Vision Scope Khonsu Series



Mastering the Night

Challenge the darkness with the "**Khonsu Series**" thermal night vision scope, breaking through the limits of sight. With ranges of 1,300 meters for KH384 and 1,700 meters for KH640, coupled with a 35mm/F1.0 lens, it delivers exceptional image quality.

Equipped with Tianyuan's **Pioneer series** sensor, with a resolution of up to 640 × 512, 17 micron pixel pitch, and 50 Hz frame rate, it captures every detail.

Supporting USB charging and optional WiFi interface, the lithium-ion battery provides up to 10 hours of usage. The recording feature supports .mp4 videos and .jpg photos, with a resolution of up to 640 × 512.

With an IPX7 waterproof rating and an operating temperature range from -10 °C to +50 °C, it adapts to various environments.

The "**Khonsu Series**" - Advanced technology, mastering everything in the night.





Thermal Night Vision Scope

Khonsu Series

Model	KH384	KH640
Optics		
Focal length	35 mm / F1.0	35 mm / F1.0
Range	~ 1,300 m	~ 1,700 m
Field of view (HXV)	10.5° × 7.9°	12.5° × 9.4°
Optical magnification	X2 ~ X8	X2 ~ X8
Eye relief, mm/inch	50/1.96	50/1.96
Diopeter adjustment, D	-3/+3	-3/+3
Sensor		
Sensor resolution	384 × 288	640 × 512
Sensor pixel pitch	17 μm	17 μm
Frame rate	50 fps	50 fps
Display		
Display resolution	800 × 600 px	1024 × 768 px
Display type	AMOLED	AMOLED
Electronics		
Interfaces	USB : charging WiFi : data transfer (optional)	
Wi-Fi	IEEE 802.11 b/g/n , 2.4G (optional)	
Battery	Lithium-ion	
Battery life	10 h	
Connection to other devices	App , Wi-Fi	
SD card	microSD , 128GB max	
Video Recorder		
Video / photo resolution, pixel	384X288	640X512
Video / photo format	.mp4 / .jpg	
General		
Ingress protection rating	IPX7 (waterproof)	
Operating temperature range	-10 °C / + 50 °C	
Length × width × height (mm)	200 × 65 × 60	200 × 65 × 60