

ThermTec

ORYX-L Series

Thermal Tube Scope

ORYX-L

Technical Specifications



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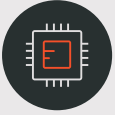
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ORYX-L

Key Features



15mK high sensitivity for ultra-clear images



Innovative built-in LRF module up to 1200m



Central Turret Focus System



ThermTec AutoSight System (TASS)



Classic zoom ring design consistent with day scope usage habit

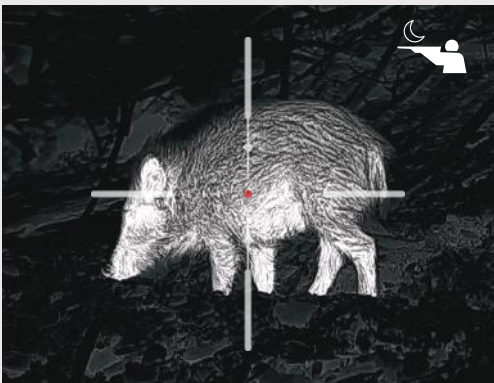


2560*2560 resolution OLED delivering an unparalleled viewing experience



AI Calibration with shutterless image system for stable and continuous clarity

Applications



Night hunting



Observation

Specifications

Model	Oryx-L 635	Oryx-L 650
Microbolometer		
Type	Uncooled	
Resolution	640x512	
Pixel pitch	12μm	
NETD	≤15mK	
Spectral range	8-14μm	
Frame rate	50Hz	
Detection Range	1800m	2600m
Optics		
Objective lens	35mm,F0.8	50mm, F0.9
Field of view	12.5°x 10°	8.8° x 7.0°
m @100m	21.9x17.6	15.4x12.3
Magnification	2.6X	3.7X
Digital Zoom	1.0-4.0X	
Eye relief	60mm	
Exit pupil	6mm	
Diopter	±5D	
Aiming Reticle		
Reticle	7	
Reticle color	6	
Display		
Type	AMOLED	
Resolution	2560x2560	
Display size	1.03 inch	
Color palette	6	
Function		
Max. recoil power on rifled weapon	6000J	
Mounting brackets on weapon	Standard 30mm rings	
RAV	Yes	
Audio Recording	Yes	
Manual zeroing	Yes	
Zeroing profiles	6	
Freeze Zeroing	Yes	
Picture-in-picture	Yes	
Laser ranging	1200m	
Ballistic Calculator	Yes	
Image calibration	Manual/Auto	
Video Recorder		
Photo/video playback	Yes,1280*1024	
Inbuilt memory	64GB	
Interface		
Type C	Data transfer, Battery charge	
Hotspot	Yes	
Battery		
Battery type	Replaceable, 1*21700, 6000mAh	
Battery life	8h	
Environment		
Operating temperature	-20°C to +50°C	
IP rating	IP67	
Weight, g	1050±5	1100±5
Size, mm	385(L)x93(W)x77(H)±5	397(L)x87(W)x74(H)

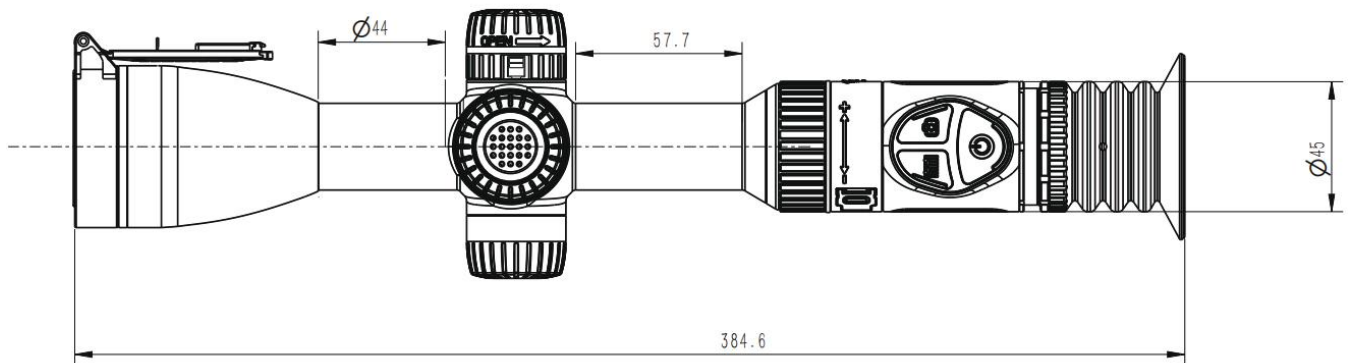
Accessories



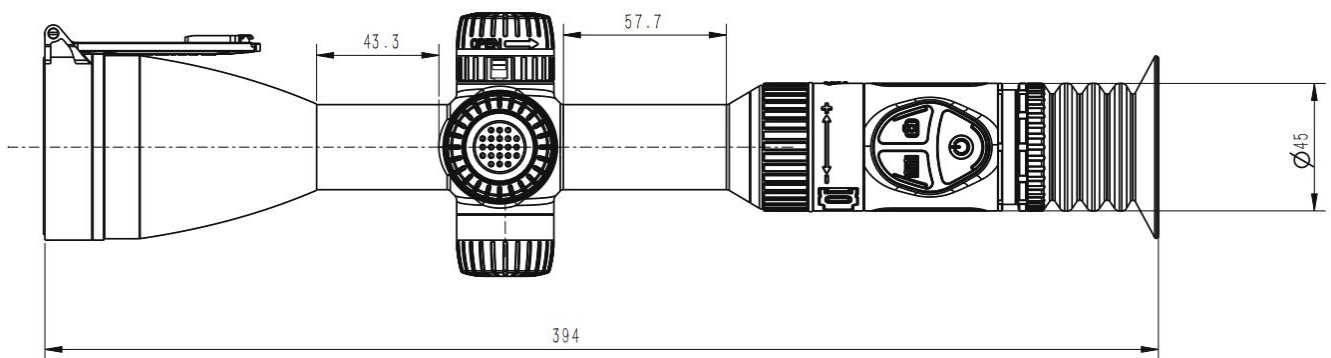
Content	Quantity
Scope	1
Charger	1
Bag	1
Lithium battery	2
USB cable	1
Lens cloth	1

Dimension

Unit: mm



Oryx-L 635



Oryx-L 650