ThermTec

ORYX Series

Thermal Tube Scope
Oryx-LR 650

Technical Specifications



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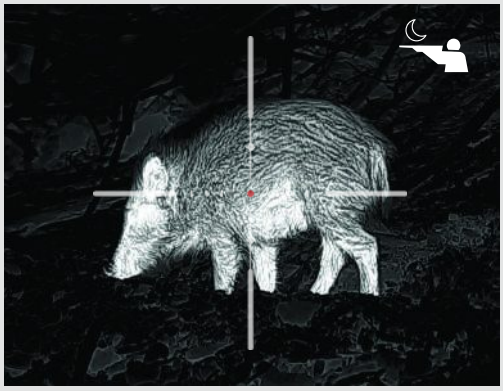
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Oryx-LR 650

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
- Rail Mount Alignment System

Applications



Night hunting



Observation

Specifications

Model	Oryx-LR 650
Microbolometer	
Type	Uncooled
Resolution	640×512
Pixel pitch	12μm
NETD	≤15mK
Spectral range	8-14μm
Frame rate	50Hz
Detection range	2600m
Optics	
Objective lens	50mm, F0.9
Field of view	8.8° ×7.0°
m @100m	15.4×12.3
Magnification	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	2560×2560
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	1100±5
Size, mm	397(L)×87(W)×74(H)

Accessories



Content	Quantity
Scope	1
Charger	1
Bag	1
Lithium battery	2
USB cable	1
Lens cloth	1
Service and support	1
User Manual	1

Dimension

Unit: mm

