ThermTec

ORYX Series

# Thermal Tube Scope
# Oryx-LR 635

## Technical Specifications



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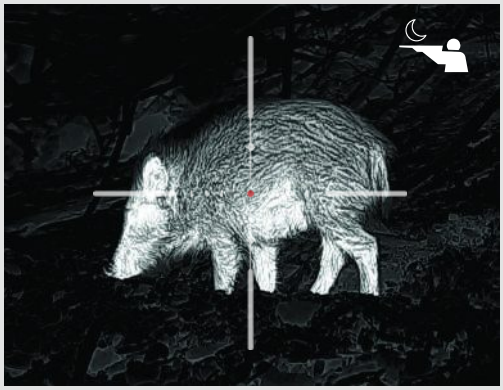
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# Oryx-LR 635

## 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 635 |
|---|---|
| **Microbolometer** | |
| Type | Uncooled |
| Resolution | 640×512 |
| Pixel pitch | 12μm |
| NETD | ≤15mK |
| Spectral range | 8-14μm |
| Frame rate | 50Hz |
| Detection range | 1800m |
| **Optics** | |
| Objective lens | 35mm, F0.8 |
| Field of view | 12.5°×10° |
| m @100m | 21.9×17.6 |
| Magnification | 2.6X |
| 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 | 1050±5 |
| Size, mm | 385(L)×93(W)×77(H)±5 |

# 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

