

Thermal Imaging Monocular Cyclone 625

Technical Specifications



ThermTec Technology Co., Ltd.

✉ info@thermetytec.com

🌐 <https://www.thermetytec.com>

Cyclone 625

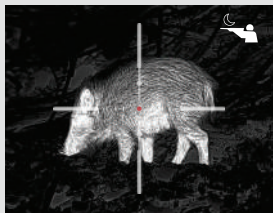
Key Features

-  640×512 thermal resolution, NETD < 20mK
-  User-friendly operation experience of the menu
-  Up to 32GB of storage capacity
-  1024×768 resolution with 0.39 inch OLED display
-  Replaceable lithium batteries bring constant work up to 8h
-  AI multi-target distance detection
-  One-handed focusing wheel structure
-  Small and lightweight, highly portable

Applications



Observation



Night hunting



Rescue operation



Hiking & traveling

Specifications

Model		Cyclone 625
Microbolometer		
Resolution		640×512
Pixel pitch		12μm
NETD		20mK@300K
Spectral range		8-14μm
Frame rate		50Hz
Detection range		1300m
Optics		
Objective lens		25mm/F1.0
Field of view		17.5°×14°
m@100m		30.8×24.6
Magnification		1.4X
Digital zoom		1X ,2X,4X
Eye relief		20mm
Exit pupil		6mm
Diopter		±5D
Display		
Type		AMOLED
Resolution		1024×768
Display size		0.39 inch
Color palette		6
Image mode		Forest/Target/Outline
Function		
Photo/Video playback		Yes
Language		Multiple-language
Inbuilt memory		32GB
PIP		Yes
Heat track		Yes
OSD recording		Yes
Burn prevention		Yes
Battery		
Internal battery		Replaceable and rechargeable Li-ion battery (18650×1)
Battery life		8h
Interface		
Type-C		Battery Charge, Data transfer
Hotspot		Yes, App remote control
Environment		
Working temperature		-20°C~+50°C
Protection level		IP67
Weight, g		261g(without battery)
Size, mm		136(L)×76(W)×54(H)
Accessories		
External cable		USB cable
Other accessories		Lens cloth, charger, battery, etc.

Accessories



Content	Quantity
Monocular	1
USB cable	1
Charger	1
Lens cloth	1
User manual	1
Lithium battery	2
Service and support card	1
Box	1

Dimension

Unit: mm

