The Rhino Series

Riflescope

(TT50, TL50, TT75)

The Rhino Series is a thermal rifle scope based on high-performance VOx uncooled infrared detector, and with military quality and high performance.

Rhino Series provides several models for selection to meet the various demands of users.

And owe to its high environmental adaption, such as IP67 high protection level and high shock resistance, Rhino Series can work under the harsh environment.

Superior Image Performance

Rhino Series is a thermal rifle scope based on high-performance VOx uncooled infrared detector, with military quality and high performance. Unique image processing algorithm to reduce the noise, highlight the target. In addition, Rhino Series also has functions of O-zoom, E-zoom, PIP and pseudo colour to aid in objective location.
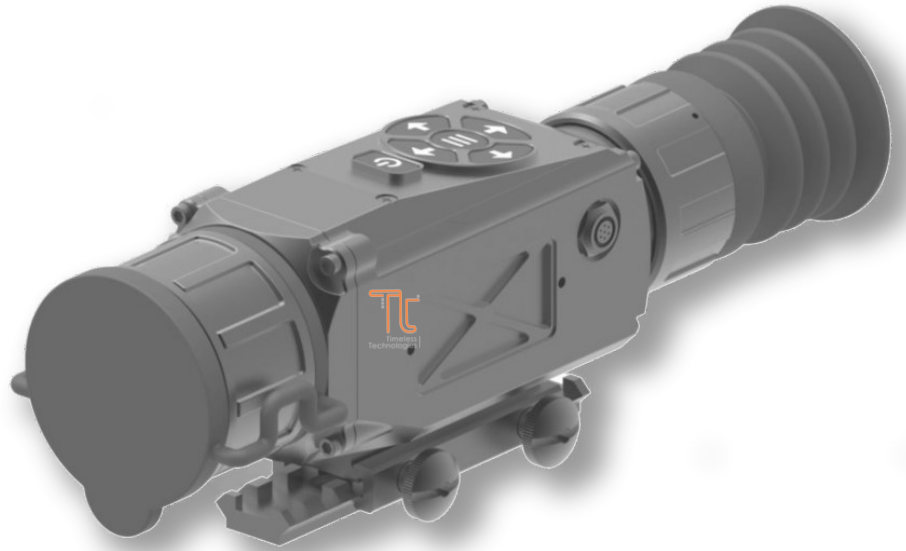
Multiple Reticles

Rhino Series has a relatively independent reticle adjustment UI where can select up to 4 colours and 7 kinds of reticles. Reticles can also be hidden and 4 different zeros can be preset.

Simple Operation, Friendly UI

UI design of Rhino Series follows the principles of user-friendliness and simplicity, embodying human-machine interactions. Menus arrangement and the distribution of the buttons on the scope are separated and symmetrical, arranged in a pattern matching the direction of the menus of OSD.

The Rhino Series

Model	Indian Rhino - TL50	White Rhino - TT50	Black Rhino - TT75
Resolution	384 x 288	640 x 512	640 x 512
Pixel Size	17 µm	17 µm	17 µm
NETD	<50mk	<50mk	<50mk
Frame Rate	50Hz	50Hz	50Hz
Display	1024 x 768 OLED	1024 x 768 OLED	1024 x 768 OLED
Field of View	7.5° x 5.5°	12° x 9.5°	8.3° x 6.6°
Objective Lens	50mm	50mm	75mm
Magnification	3.4 - 13.6x	2 - 16x	3 - 24x
Eye Relief	48mm	48mm	48mm
Diopter Adjustment	-6D - +4D	-6D - +4D	-6D - +4D
Battery	CR 123 x 4	CR 123 x 4	CR 123 x 4
Battery Life	7hr	7hr	5hr
Weight	800g	800g	860g
Dimension	250mm x 71mm x 71mm	250mm x 71mm x 71mm	250mm x 76mm x 76mm
Detection Range Target Size: 1.5m (L) x 1.3m (H)	1500m	1500m	2920m
IP Rating	IP67	IP67	IP67

The Wild Animal Scope Series

The Honey Badger Series

The Black Panther Series

The Rhino Series

Model	The Rhino Series					The Black Panther	The Honey Badger
	Indian Rhino - TL50	Indian Rhino – TL50W	Indian Rhino – TL50R	White Rhino – TT50	Black Rhino – TT75	TT42	TT435
Resolution Pixels	384 x 288	384 x 288	384 x 288	640 x 512	640 x 512	384 x 288	400 x 300
Pixel Size	17µm	17µm	17µm	17µm	17µm	17µm	17µm
NETD	≤ 50mK	≤ 50mK	≤ 50mK	≤ 50mK	≤ 50mK	≤ 50mK	≤ 50mK
Frame Rate	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz	50Hz
Objective Lens	50mm	50mm	50mm	50mm	75mm	42mm	35mm
Field of View	7.5° x 5.5°	7.5° x 5.5°	7.5° x 5.5°	12.4° x 9.9°	8.3° x 6.6°	8.9° x 6.7°	10.66° x 8.0°
Magnification	3.4 – 13.6x	3.4 – 13.6x	3.4 – 13.6x	2-16x	3-24x	1x	2x – 4x
Eye Relief	48mm	48mm	48mm	48mm	48mm	20mm	20mm
Diopter Adjustment	-6D - +4D	-6D - +4D	-6D - +4D	-6D - +4D	-6D - +4D	-5D - +5D	-5D - +5D
Detection Range	1950m	1950m	1950m	1950m	1950m	2100m	1000m
Display (pixels)	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1024 x 768	1280 x 960	1024 x 768
Battery	CR123 x 2/x4	CR123 x 2/x4	CR123 x 2/x4	CR123 x 2/x4	CR123 x 2/x4	CR123 x 2	CR123A x 2 / ICR16340 x 2
Max Battery Life	7hr	7hr	5hr	5hr	5hr	4hr	3hr
Weight – *Without batteries*	<750g	<750g	<750g	<750g	<750g	<420g	<400g
Dimension	242 x 60 x 60mm	242 x 60 x 60mm	242 x 100 x 60mm	242 x 60 x 60mm	242 x 76 x 76mm	154 x 61 x 58mm	150 x 52 x 57mm