



Getting Started

TURNING ON AND IMAGE SETUP

- Open the lens cover (15).
- Turn the device on with 3 seconds press of the ON/OFF (11) button.
- Rotate the dioptre adjustment ring (8) to see crisp image of the icons on the display.
- Rotate the lens focusing ring (2) to see a crisp image of the object observed.
- Select the required operating mode in the main menu(WHITE HOT,TARGET HIGH LIGHT,EDGE,RED HOT,FUSION) with a short press of the (4) button.
- Select the required magnification (1x,2X,4X,6X,8X) with a short press of the (6) button.
- Select the required menu items with a short press of (5) button.
- Turn the device off with 3 seconds press of the ON/OFF (11) button.

Navigation button UP
Brief press: Change operating mode/Switch menu items upward
Long press: PIP mode ON/OFF

Recording button REC
Brief press: Take a picture/ Switch menu items downward in Zeroing Profile

M Button MENU
Brief press: Quick menu access/Confirm selection
Long press: ON/OFF laser pointer
Back to previous menu

Navigation button DOWN
Brief press: change set-up zoom/ Switch menu items downward
Long press: Measure distance

1, Objective lens	2, Lens focusing ring	3, Recording button REC
4, Navigation button UP	5, Button MENU M	6, Navigation button DOWN
7, Data compartment cover	8, Dioptre adjustment ring	9, Eyeshade
10, Laser rangefinder	11, Power On/Off button	12, Battery pack ring
13, Lens cover	14, Battery pack	15, Charging base
16, LED indicator		

Menu Functions

Number	Main menu description	Sub menu description
1	Operating modes	Options:WHITE HOT,TARGET HIGHLIGHT,EDGE,RED HOT,FUSION
2	WIFI	Options:ON,OFF
3	PIP	Options:OFF,set-up zoom 2X,4X
4	Reticle type	Options:OFF,select a type(black1-black8/grey1-grey8/white1-white8)
5	Zeroing Profile	Select one of the saved profiles.(Max.10 profiles)
6	Zeroing setup	Freeze the image with short press of M (5) button. Then move the auxiliary red cross horizontally or vertically with UP (4) / DOWN (6) buttons until the auxiliary red cross matches the point of impact. Switch between movement directions of the auxiliary red cross from horizontal to vertical with a short press of REC (3) button.Select the target distance and units (yd/m).Save the new position of the reticle with SAVE.The reticle will now move to the point of impact.(The saved zeroing will be named as distance in each profile.)
7	Gyroscope	Options:ON,OFF
8	Hot trace	Options:ON,OFF
9	Distance units	Options:m,yd
10	Rangefinding	Modes: single measure, continuous measure
11	Display brightness	Options:super dark, dark, normal, bright, super bright
12	Target Brightness	Options: 1-5
13	Contrast Ratio	Options: 1-10
14	Image Detail Boost	Options: 1-4

15	Date/Time	
16	Languages	Options:Chinese, English, other languages
17	Recording	Options:ON,OFF
18	Formatting	Options:confirm, cancel
19	Auto turn off	Options:3MIN,5MIN,OFF
20	Default	Options:confirm, cancel
21	Pixel Cure	Options:auto
22	Version	

Charging the Battery Pack

- Insert the battery pack (14) into the supplied charging base (15).Close the ring (12).
- Connect the USB cable to the supplied adaptor.
- Red LED means charging. Green LED means full battery.

Installing The Battery Pack

- Lift the ring(12). Remove the Battery Pack (14)from the charging base.
- Insert the Battery Pack (14) into the thermal imager.Close the ring.
- Fix the battery by rotating the ring (12).

Installation of mount

- Attach the mount to the base of the riflescope using a hex-nut wrench and screws.
- The mounting holes in the base of the riflescope enable the mount to be installed in one of the multiple positions. The choice of the mounting position helps the user to ensure the correct eye relief depending on the rifle type.
- The riflescope is ready to be installed on a rifle and to be zeroed.
- Before going to hunt, please follow instructions in the section “Zeroing”.

Using the intergrated laser rangefinder

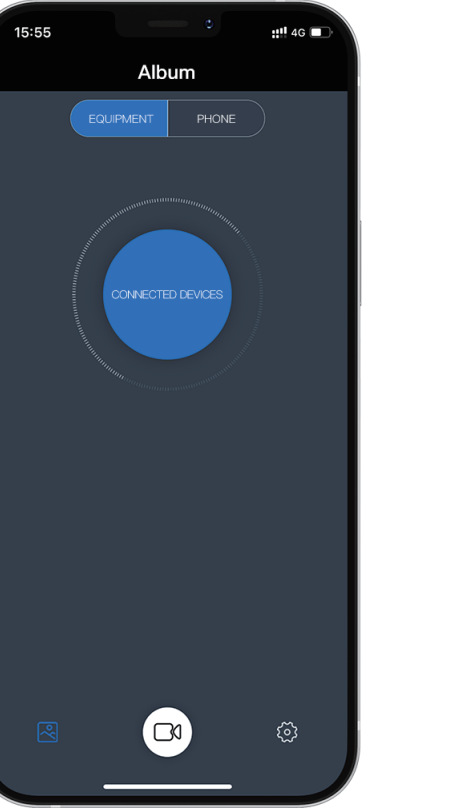
- Turn the device on with long press (3 seconds) of the button ON/OFF (11).
- Activate the rangefinder with long press of Button DOWN (6).
- A rangefinding indicator (a cross) will appear in the center of the display.
- Point the rangefinding indicator (cross center) at an object to mesure.
- Distance value will automatically appear in the top right corner of the display after 1-2 seconds.

Package Contents

- Thermal Imaging Riflescope
- Battery Pack
- Carrying case
- Mount(with screws and hex-nut wrech)
- Type-c USB cable
- Manual
- 5V2A adapter

APP Connection

Download APP by Scanning the QR code according to the mobile phone system.
Enter into the menu and turn on WIFI.
Enter into APP to connect WIFI (password:12345678)



STYLE NO.	RM03-35LRF	RM03-50LRF	RM06-35LRF	RM06-50LRF
SENSOR (MILITARY GRADE)				
Type	non refroidi	non refroidi	non refroidi	non refroidi
Resolution, pixels	384x288 super sensitive	384x288 super sensitive	640x480 super sensitive	640x480 super sensitive
Frame rate	50 Hz	50 Hz	50 Hz	50 Hz
Taille pixels	12µm	12µm	12µm	12µm
NETD	<30mK	<30mK	<30mK	<30mK
OPTICAL CHARACTERISTICS				
Objective lens	f35 mm, F/1.0	f50 mm, F/1.0	f35 mm, F/1.0	f50 mm, F/1.0
Magnification	2.8	4	1.7	2.5
Continuous digital zoom	x1 / x2 / x4 / 6x/ x8	x1 / x2 / x4 / 6x/ x8	x1 / x2 / x4 / 6x/ x8	x1 / x2 / x4 / 6x/ x8
Eye relief	50 mm	50 mm	50 mm	50 mm
Filed of view (H), degreem @ 100m	7.5°*5.6°	5.2°*3.9°	12.5°*9.4°	8.8°*6.6°
Dioptre adjustment	+5/-5 D	+5/-5 D	+5/-5 D	+5/-5 D
Detection distance	1800m	2500m	2000m	3000m
Close-up range	5m	5m	5m	5m
DISPLAY				
Colour Palettes	Black Hot, White Hot, Red Hot, Fusion, Target Highlight	Black Hot, White Hot, Red Hot, Fusion, Target Highlight	Black Hot, White Hot, Red Hot, Fusion, Target Highlight	Black Hot, White Hot, Red Hot, Fusion, Target Highlight
Type / Resolution	0.39 inch / AMOLED / 1024X768	0.39 inch / AMOLED / 1024X768	0.39 inch / AMOLED / 1024X768	0.39 inch / AMOLED / 1024X768
OPERATIONAL CHARACTERISTICS				
3D Gyroscope	yes	yes	yes	yes
Hot trace	yes	yes	yes	yes
Power supply	3-4.2 V	3-4.2 V	3-4.2 V	3-4.2 V
Battery	Li-Ion Battery Pack / 6000mAh / DC 3.7V	Li-Ion Battery Pack / 6000mAh / DC 3.7V	Li-Ion Battery Pack / 6000mAh / DC 3.7V	Li-Ion Battery Pack / 6000mAh / DC 3.7V
External power supply	5V (USB)	5V (USB)	5V (USB)	5V (USB)
Operating time (at t=22°C)	8 hours	8 hours	8 hours	8 hours
Max. recoil power, Joules	10000	10000	10000	10000
Waterproof rating	IP67	IP67	IP67	IP67
Operating temperature	- 20°C...50°C	- 20°C...50°C	- 20°C...50°C	- 20°C...50°C
Dimensions	280X90X70 mm	280X90X70 mm	280X90X70 mm	280X90X70 mm
Weight (without battery/mount)	1000g	1030g	1000g	1030g
VIDEO RECORDER				
Video / photo resolution	1024x768	1024x768	1024x768	1024x768
Video / photo format	.mp4 / .jpg	.mp4 / .jpg	.mp4 / .jpg	.mp4 / .jpg
Memory type	TF card, max.support 128G	TF card, max.support 128G	TF card, max.support 128G	TF card, max.support 128G
WIFI CHANNEL				
Frequency	2.4GHz	2.4GHz	2.4GHz	2.4GHz
Standard	802.11 b/g	802.11 b/g	802.11 b/g	802.11 b/g
Line-of-sight reception range	15m	15m	15m	15m
RANGEFINDER				
Wavelength	905nm	905nm	905nm	905nm
Max. measuring range	1000m	1000m	1000m	1000m
Measuring accuracy	+/- 1m	+/- 1m	+/- 1m	+/- 1m

THERMAL IMAGING SIGHTS

RM SERIES

UNIQUE CALC. TARGET ULTRA BRIGHT MODE

