



IMPACT SERIES

THERMAL SCOPES

TS300 & TS200

OWNER'S MANUAL



DISCOVER **THE UNSEEN.**

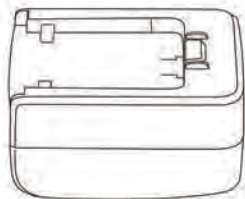
TABLE OF CONTENTS

- PAGE 1 WELCOME**
- PAGE 2 ABOUT**
- PAGE 3-25 QUICK START**
- PAGE 26-30 RETICLE DESCRIPTIONS**
- PAGE 31-32 OTHER INSTRUCTIONS**
- PAGE 33 ACCESSING FILES**
- PAGE 34 DISCLAIMERS**
- PAGE 35-39 SPECIFICATIONS**

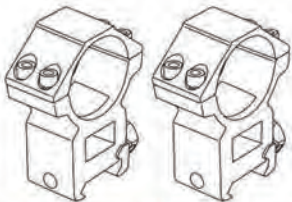
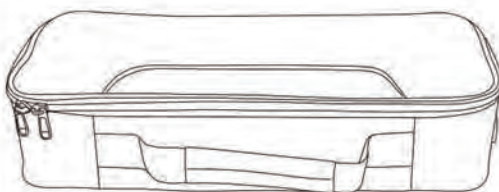
PACKAGE CONTENTS



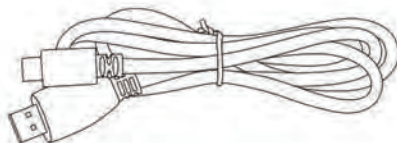
POWER ADAPTER



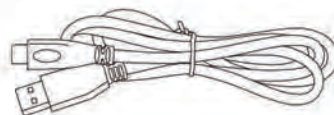
PROTECTIVE CASE



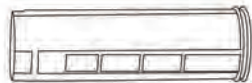
PICATINNY SUPPORT



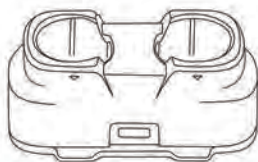
MICRO HDMI CABLE



USB-C TYPE CABLE



BATTERY (2)



BATTERY CHARGER

WELCOME

Thank you for purchasing an X-Vision Optics Impact Series Thermal Scope. X-Vision Optics' all-new Thermal Scope (both the TS 200 and TS300) redefines hunting. The Impact series thermal scopes provide both day and night use for hunting, scouting, and surveilling. The Impact series thermal scopes have been built to withstand any and all conditions.

The Impact Series Thermal Scopes are multifunctional devices that can be used for both day and night target observation and in any terrain. The unit has optional hotspot tracking which uses a small crosshair to pinpoint and follow the hottest object in its field of view, making it easy to detect game at long ranges, in dense terrains, and while on the run. Along with this, the scope has a stadia metric rangefinder, giving clarity on exactly how far away the target is. The picture in picture feature allows the user to see the scope's max magnification (16x) in an adjustable subset of the screen.

The device has ten reticle options along with six reticle color options. The unit can save six sets of zeroing data, allowing for quick and easy mounting on multiple firearms. This scope is capable of handling over 54 ft/lb. of recoil allowing compatibility with a large variety of firearms. Along with a multitude of included accessories, this thermal scope comes with two interchangeable rechargeable 18650 batteries, giving the user the ability to quickly change out batteries and never miss a shot.

The Thermal Scopes in our Impact Series (TS200 and TS300) emit its own Wi-Fi signal, which means multiple devices can be connected to the scope at the same time, so no need to rely on cellular data. This allows for a long-range connection giving devices the ability to connect to the scope up to 150 yards away! The scope comes with free applications for both IOS and Android devices, allowing for pictures and videos to be saved on the connected device or on the 16GB of internal memory. The thermal scope is dust and water-resistant to an International Protection Rating of IP67.

ABOUT IMPACT SERIES

(1) LENS COVER

(2) BATTERY

(3) BATTERY COVER

(4) LENS

(5) FOCUSING RING

(6) MENU TURRET

(7) ZOOM-IN TURRET

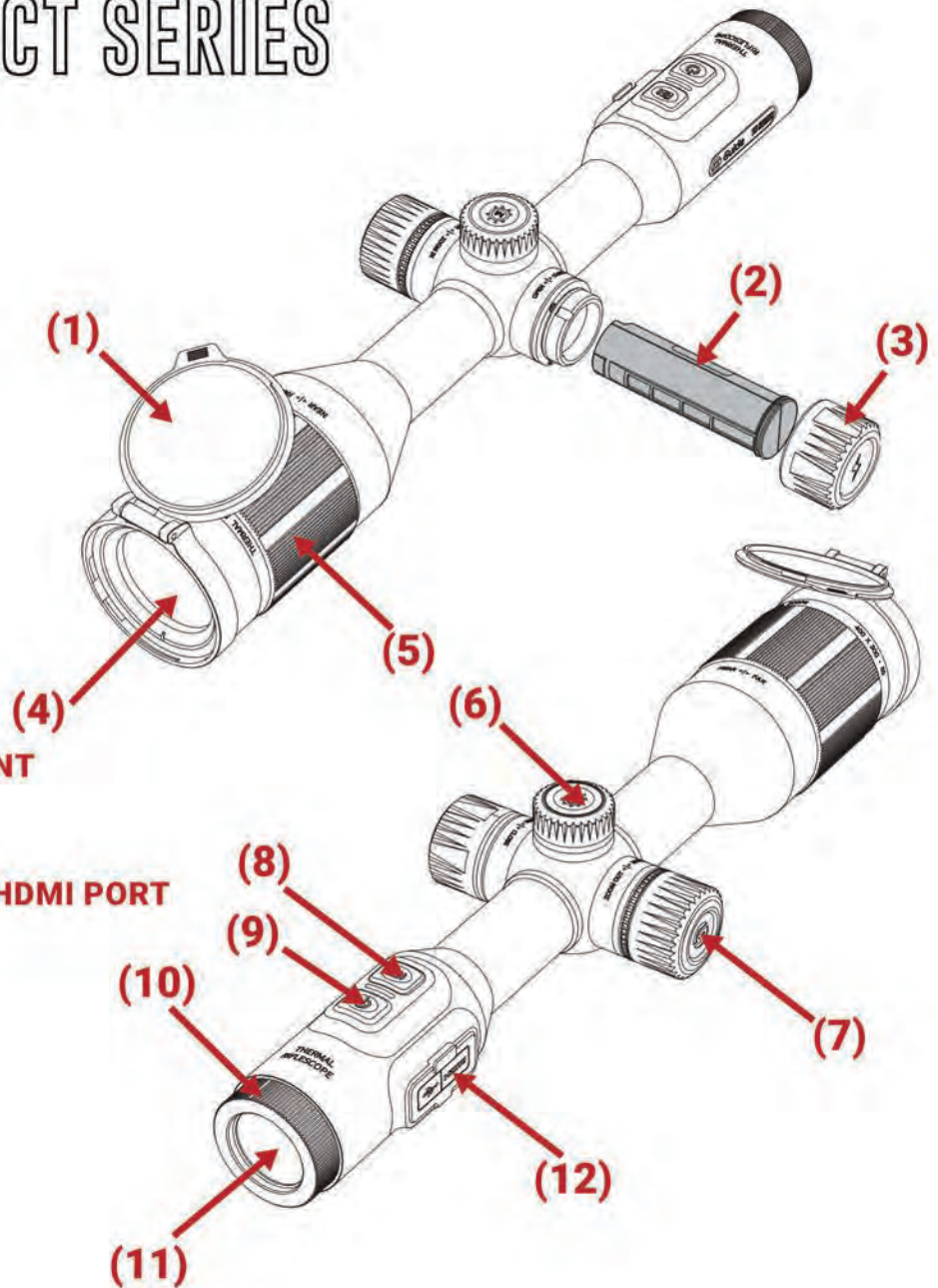
(8) SHUTTER BUTTON

(9) POWER BUTTON

(10) DIOPTER ADJUSTMENT

(11) EYE PIECE

(12) USB-C PORT/MICRO HDMI PORT



QUICK START (1)

USB-C PORT

CONNECT THE USB SUPPORTING CABLE TO DEVICE PORT AND AN EXTERNAL POWER SUPPLY TO CHARGE PRODUCT. THE OUTPUT SPECIFICATION OF THE EXTERNAL POWER SUPPLY TO CHARGE THE PRODUCT IS 5V2A.

MICRO HDMI

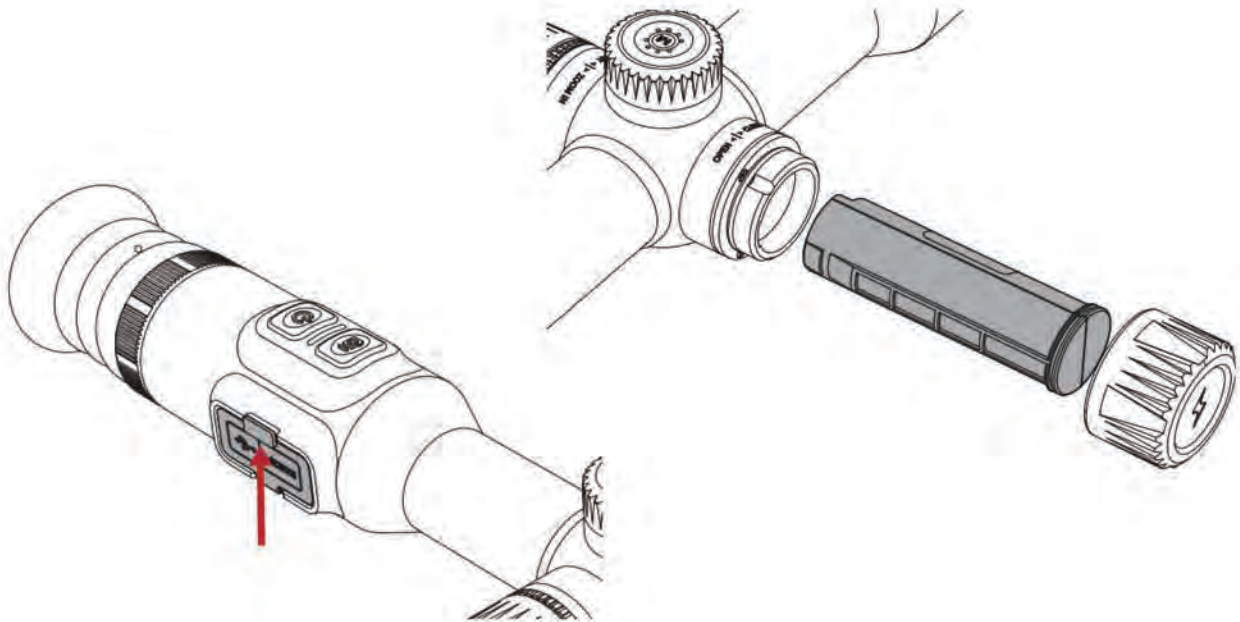
THROUGH THE EXTERNAL INTERFACE SUPPORTING CABLE THE EXTERNAL POWER SUPPLY AND THE EXTERNAL SCREEN CAN BE CONNECTED SIMULTANEOUSLY. THE THERMAL IMAGE CAN BE OUTPUT TO THE EXTERNAL MONITOR FOR DISPLAY.

POWER SUPPLY

WHEN CHARGING THE PRODUCT FOR THE FIRST TIME, USE THE SUPPORTING USB CHARGER FOR AT LEAST 4 HOURS. TO CHARGE, OPEN THE USB COVER ON THE SIDE OF THE PRODUCT, INSERT MATCHING USB CHARGING CABLE AND CONNECT TO THE POWER SUPPLY TO CHARGE. WHEN CHARGING, THE CHARGING INDICATOR TURNS RED. WHEN THE CHARGE IS COMPLETE, THE INDICATOR WILL TURN GREEN.

BATTERY DISASSEMBLY

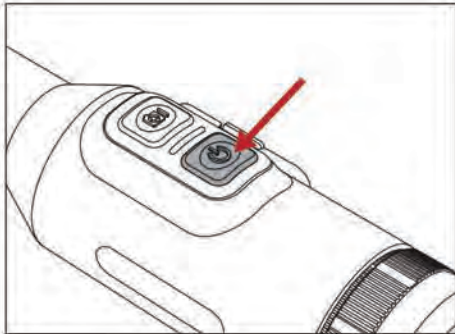
REMOVE THE BATTERY COVER TO REMOVE THE BATTERY. PLEASE INSERT THE BATTERY AS SHOWN IN THE FIGURE. DO NOT FORCE THE BATTERY INTO THE DEVICE.



QUICK START (2)

POWER ON/OFF

LONG PRESS THE POWER BUTTON UNTIL THE BOOT IMAGE APPEARS IN THE EYEPIECE. LONG PRESS THE POWER BUTTON TO DISPLAY THE SHUTDOWN PROGRESS BAR, WHICH CONTINUES UNTIL THE PROGRESS BAR IS COMPLETED AND THE SHUT DOWN IS SUCCESSFUL.

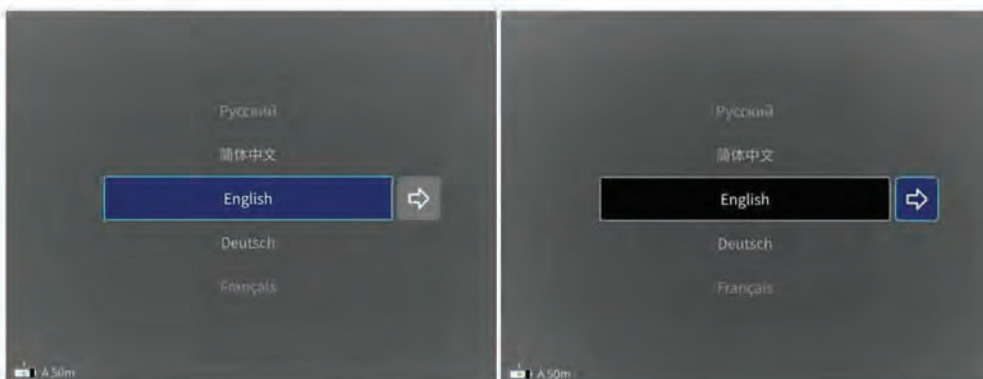


DISPLAY ON/OFF

PRESS AND HOLD THE "POWER BUTTON" TO DISPLAY THE SHUTDOWN PROGRESS BAR. TO CANCEL THE SHUTDOWN, RELEASE THE "POWER BUTTON" AND ENTER THE DISPLAY OFF MODE. PRESS ANY BUTTON TO WAKE UP THE SCREEN.

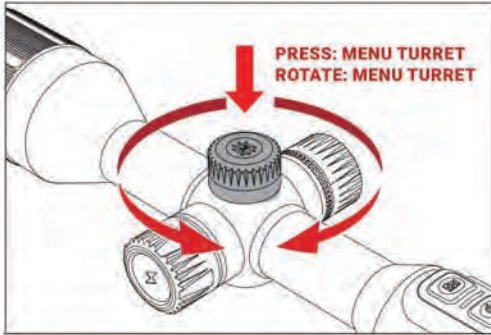
LANGUAGE SETTINGS

WHEN THE DEVICE IS POWERED ON FOR THE FIRST TIME TO SELECT THE LANGUAGE, ROTATE THE MENU TURRET TO SCROLL UP AND DOWN TO SELECT THE LANGUAGE. SHOR PRESS THE MENU KEY TO MOVE TO THE ARROW KEYS, SHORT PRESS THE MENU KEY AGAIN TO SELECT THE LANGUAGE AND RETURN TO THE HOME SCREEN INTERFACE. LONG PRESS THE MENU KEY TO RETURN TO THE LANGUAGES SCROLLING SELECTION.



QUICK START (3)

FOCUSING

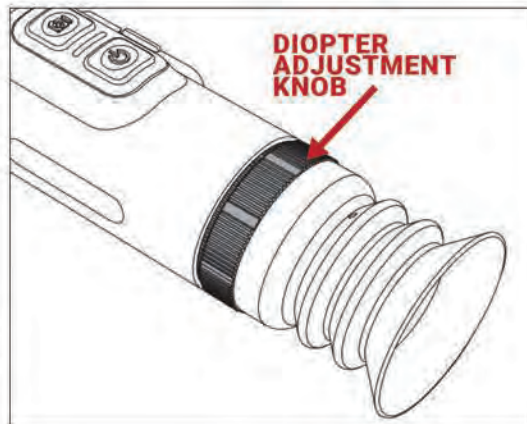


DIOPTR ADJUSTMENT

ONCE DEVICE IS POWERED ON, ROTATE THE DIOPTR ADJUSTMENT KNOB UNTIL A CLEAR IMAGE IS IN FOCUS.

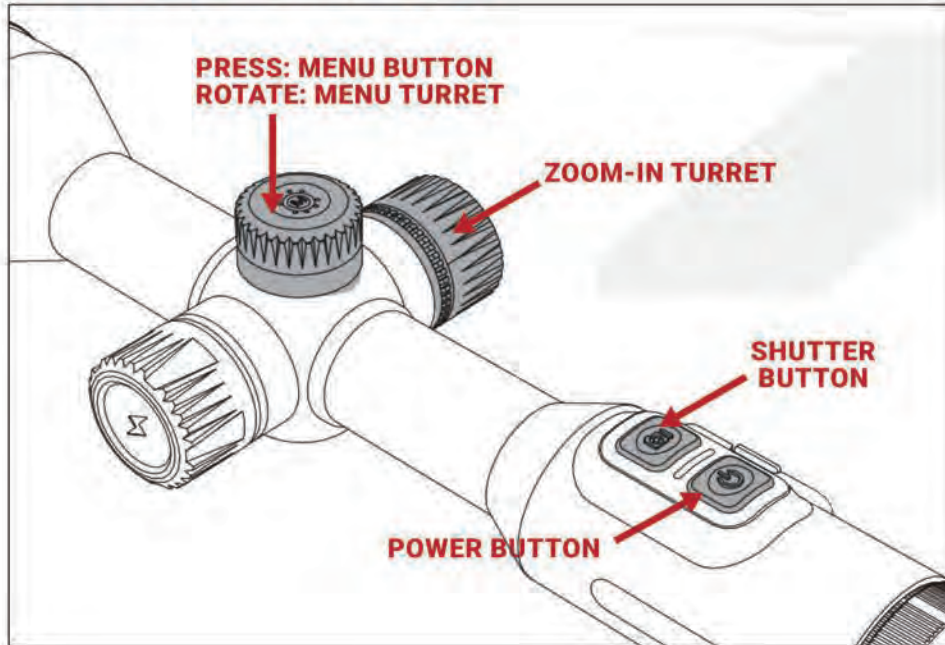
FOCAL DISTANCE ADJUSTMENT

AFTER THE DEVICE IS POWERED ON, AIM AT TARGET OBSERVATION. WHEN THE DISTANCE TO THE OBSERVATION TARGET CHANGES, THE IMAGE MAY BE BLURRED. ADJUST THE LENS FOCUSING RING TO REFOCUS UNTIL THE TARGET IMAGE IS CLEAR.



QUICK START (4)

BUTTON DESCRIPTION

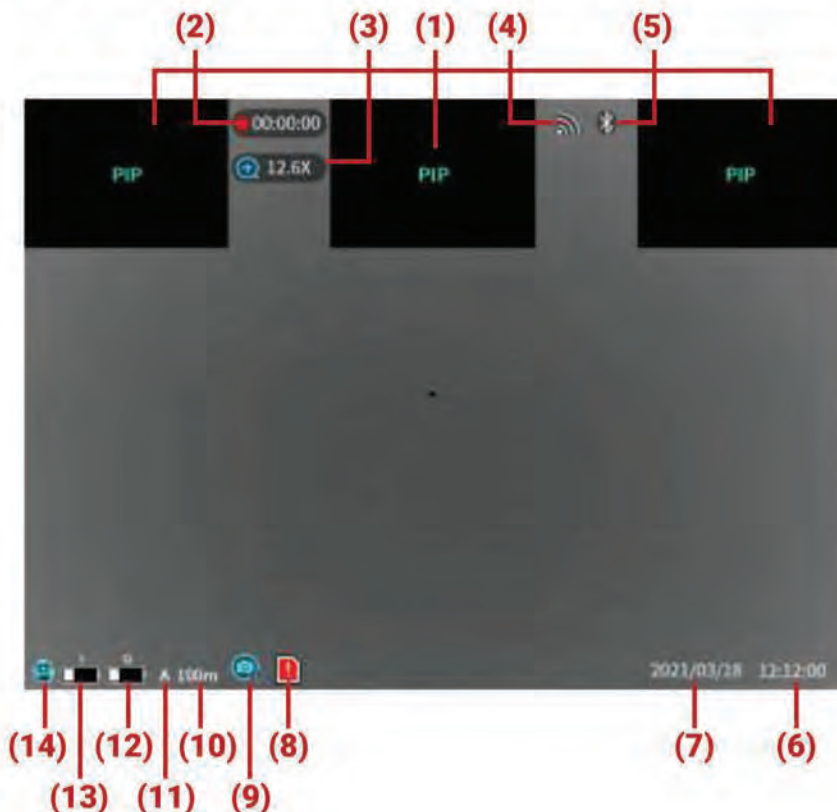


BUTTON	DEVICE STATUS	ROTATION	SHORT PRESS	LONG PRESS
POWER BUTTON	POWER ON POWER OFF DISPLAY OFF	----- ----- -----	COMPENSATION ----- DISPLAY ON	DISPLAY ON/OFF POWER ON -----
SHOOTING BUTTON	MENU BAR NOT SHOWN MENU BAR NOT SHOWN VIDEO-RECORDING	----- ----- -----	SHOOTING ----- -----	START VIDEO RECORDING VIDEO RECORDING DONE -----
MENU TURRET	MENU BAR NOT SHOWN MENU BAR DISPLAY	SWITCH TO COLOR TOGGLE OPTIONS	----- -----	----- MENU
MENU BUTTON	MENU BAR NOT SHOWN MENU BAR DISPLAY	----- -----	SHORTCUT MENU SELECT CURRENT OPTION	RETURN TO PREVIOUS OPTION -----
ZOOM-IN KNOB	MENU BAR NOT SHOWN	ZOOM-IN & ZOOM-IT	INTEGER MAGNIFICATION	-----

QUICK START (5)

HOME SCREEN LIST

- (1) **PIP: CHOOSE TOP LEFT, TOP MIDDLE, AND TOP RIGHT POSITIONS**
- (2) **VIDEO RECORDING DURATION: RECORDING STATUS AND DURATION DISPLAY**
- (3) **MAGNIFICATION POWER: MAGNIFICATION POWER VALUE DISPLAY**
- (4) **WIFI: WIFI ON AND CONNECTION STATUS DISPLAY**
- (5) **BLUETOOTH: BLUETOOTH ON-STATUS DISPLAY**
- (6) **TIME: TIME DISPLAY**
- (7) **DATE: DATE DISPLAY**
- (8) **SD CARD: SD CARD FULL STATUS DISPLAY**
- (9) **RECORDING MODE: SHOOTING/RECORDING MODE**
- (10) **ZERO CALIBRATION DISTANCE: ZERO CALIBRATION DISTANCE DISPLAY**
- (11) **MODEL CONFIGURATION: MODEL CONFIGURATION DISPLAY**
- (12) **EXTERNAL POWER: EXTERNAL POWER DISPLAY**
- (13) **BUILT-IN POWER: BUILT-IN POWER DISPLAY**
- (14) **SUPER ENERGY-SAVING MODE: SUPER ENERGY-SAVING MODE IS ON**



QUICK START (6)

MENU KNOB

COLOR PALETTE: WHEN POWERED ON BUT NOT IN THE MENU, TURN THE MENU KNOB COUNTERCLOCKWISE TO SWITCH THE COLOR PALETTE BETWEEN WHITE HOT, BLACK HOT, ADJUSTABLE RED HOT, IRON RED, BLUE HOT, GREEN HOT.



ZOOM-IN KNOB

ZOOM-IN/ZOOM-OUT: WITH THE UNIT TURNED ON BUT NOT IN THE MENU, ROTATE THE ZOOM KNOB CLOCKWISE TO ENLARGE THE IMAGE IN 0.1 STEPS. STOP WHEN THE ZOOM IN IS THE MAXIMUM VALUE. IF ROTATED COUNTERCLOCKWISE, THE IMAGE WILL BE REDUCED TO THE MINIMUM VALUE IN STEPS OF 0.1.

QUICK ZOOM-IN: WHEN THE UNIT IS TURNED ON AND NOT IN THE MENU, THE QUICK ZOOM-IN CAN BE OBTAINED BY SHORT PRESSING THE ZOOM KNOB (2X, 4X, 6X...).

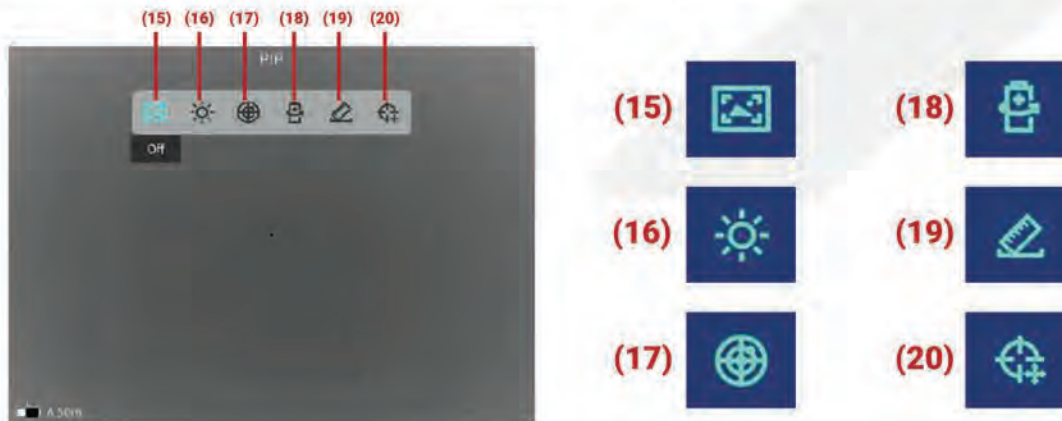
SHORTCUT MENU

WHEN THE POWER IS TURNED ON AND THE MENU IS NOT CALLED UP, SHORT PRESS THE "MENU KEY" TO DISPLAY THE SHORTCUT MENU OPTIONS.

QUICK START (7)

SHORTCUT MENU

WHEN THE POWER IS TURNED ON AND THE MENU IS NOT CALLED UP, SHORT PRESS THE "MENU KEY" TO DISPLAY THE SHORTCUT MENU OPTIONS.



(15) PIP

AFTER THE FUNCTION IS TURNED ON, THERE ARE THREE POSSIBLE POSITIONS: TOP LEFT, TOP MIDDLE, AND TOP RIGHT AT 2X MAGNIFICATION.

(16) SCREEN BRI

THE SCREEN BRIGHTNESS LEVEL CAN BE ADJUSTED. THERE ARE 10 LEVELS AVAILABLE.

(17) HOT TRACK

A WHITE CROSS CURSOR IS DISPLAYED WHEN TURNED ON. THE CURSOR TRACES THE HIGHEST TEMPERATURE POINT IN THE FULL IMAGE.

(18) SUPER ENERGY-SAVING

TURN ON AND SWITCH TO LOW POWER CONSUMPTION MODE, OLED BRIGHTNESS WILL BE FIXED TO 20% AND CANNOT BE ADJUSTED, AND THE WIFI CANNOT BE TURNED ON. IF THE CURRENT WIFI IS ALREADY ON, WIFI WILL BE TURNED OFF. THE SHOOTING RECORD FUNCTION CANNOT BE TURNED ON AND IF YOU ARE CURRENTLY IN SHOOTING RECORDING MODE, IT WILL PROMPT TO TURN IT OFF.

(19) STADIA METRIC RANGEFINDER

CALCULATE THE STADIAMETRIC DISTANCE OF A RABBIT, WILD BOAR OR DEER. THE REFERENCE HEIGHT OF A RABBIT IS 35CM (14.75 INCHES), THE REFERENCE HEIGHT OF A WILD BOAR IS 90CM (35.4 INCHES) AND THE REFERENCE HEIGHT OF A DEER IS 150CM (59 INCHES). AFTER THE STADIA METRIC RANGING IS TURNED ON, THE DISPLAY INTERFACE IS AS FOLLOWS, THE POSITION OF THE LOWER HORIZONTAL LINE REMAINS UNCHANGED, AND THE UPPER HORIZONTAL LINE CAN BE MOVED BY ROTATING THE MENU KNOB TO ESTIMATE THE TARGET DISTANCE.

(20) ZERO CALIBRATION

YOU CAN QUICKLY ADJUST THE CURRENT ZERO CALIBRATION DISTANCE. THE OPTIONAL DISTANCES ARE 50M, 100M, 200M, 300M, 500M. SET THE APPROPRIATE VALUE ACCORDING TO THE ZERO CALIBRATION SHOOTING DISTANCE OR ACTUAL SHOOTING DISTANCE.

QUICK START (8)

(15) PIP

AFTER THE FUNCTION IS TURNED ON, THERE ARE THREE POSSIBLE POSITIONS: TOP LEFT, TOP MIDDLE, AND TOP RIGHT AT 2X MAGNIFICATION.



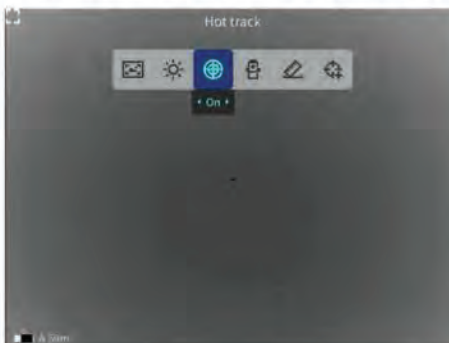
(16) SCREEN BRI

THE SCREEN BRIGHTNESS LEVEL CAN BE ADJUSTED. THERE ARE 10 LEVELS AVAILABLE.



(17) HOT TRACK

A WHITE CROSS CURSOR IS DISPLAYED WHEN TURNED ON. THE CURSOR TRACES THE HIGHEST TEMPERATURE POINT IN THE FULL IMAGE.



QUICK START (9)

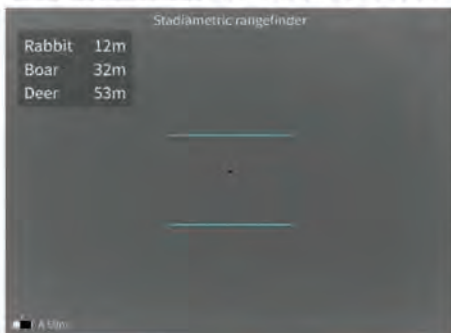
(18) SUPER ENERGY-SAVING

TURN ON AND SWITCH TO LOW POWER CONSUMPTION MODE, OLED BRIGHTNESS WILL BE FIXED TO 20% AND CANNOT BE ADJUSTED, AND THE WIFI CANNOT BE TURNED ON. IF THE CURRENT WIFI IS ALREADY ON, WIFI WILL BE TURNED OFF. THE SHOOTING RECORD FUNCTION CANNOT BE TURNED ON AND IF YOU ARE CURRENTLY IN SHOOTING RECORDING MODE, IT WILL PROMPT TO TURN IT OFF.



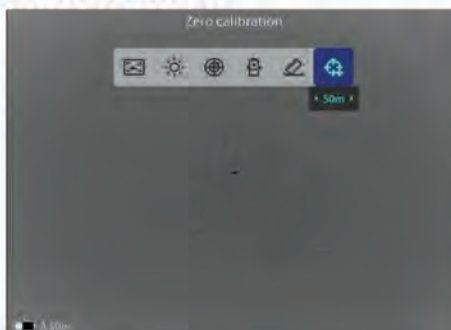
(19) STADIA METRIC RANGEFINDER

CALCULATE THE STADIAMETRIC DISTANCE OF A RABBIT, WILD BOAR OR DEER. THE REFERENCE HEIGHT OF A RABBIT IS 35CM (14.75 INCHES), THE REFERENCE HEIGHT OF A WILD BOAR IS 90CM (35.4 INCHES) AND THE REFERENCE HEIGHT OF A DEER IS 150CM (59 INCHES). AFTER THE STADIA METRIC RANGING IS TURNED ON, THE DISPLAY INTERFACE IS AS FOLLOWS, THE POSITION OF THE LOWER HORIZONTAL LINE REMAINS UNCHANGED, AND THE UPPER HORIZONTAL LINE CAN BE MOVED BY ROTATING THE MENU KNOB TO ESTIMATE THE TARGET DISTANCE.



(20) ZERO CALIBRATION

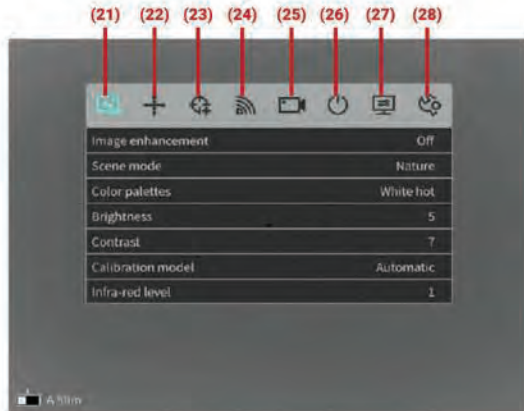
YOU CAN QUICKLY ADJUST THE CURRENT ZERO CALIBRATION DISTANCE. THE OPTIONAL DISTANCES ARE 50M, 100M, 200M, 300M, 500M. SET THE APPROPRIATE VALUE ACCORDING TO THE ZERO CALIBRATION SHOOTING DISTANCE OR ACTUAL SHOOTING DISTANCE.



QUICK START (10)

MAIN MENU OPERATION

WHEN THE DEVICE IS TURNED ON AND THE MENU IS CALLED UP, LONG PRESS THE "MENU KEY" TO DISPLAY THE MAIN MENU OPTIONS.



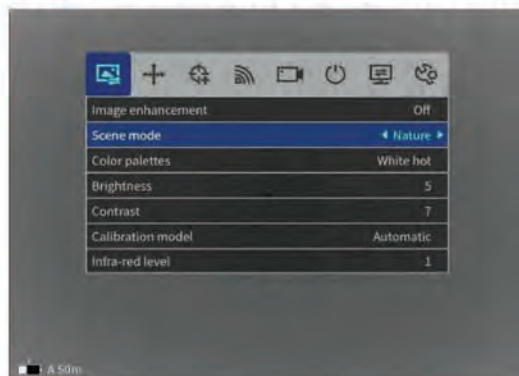
(21) IMAGE ENHANCEMENT

IMAGE ENHANCEMENT: TURN ON TO ADJUST THE IMAGE QUALITY.



SCENE MODE:

THREE SCENE MODES OF NATURAL/ENHANCED/HIGHLIGHT CAN BE SET.



QUICK START (11)

COLOR PALETTES:

ADJUSTABLE IN WHITE HOT, BLACK HOT, ADJUSTABLE RED HOT, IRON RED, BLUE HOT AND GREEN HOT. THERE ARE TEN DETECTOR BRIGHTNESS LEVELS, 1-10.



BRIGHTNESS:

THERE ARE TEN DETECTOR BRIGHTNESS LEVELS, 1-10.

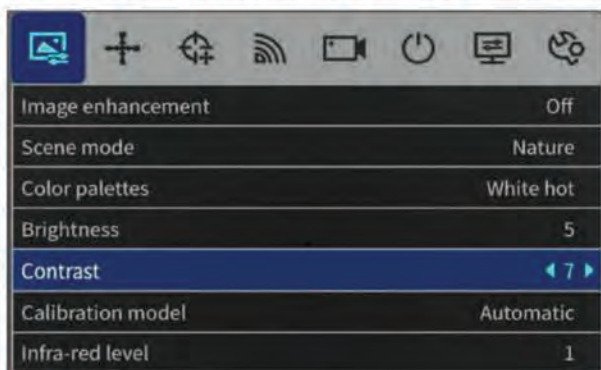
NOTE: THE ADJUSTED BRIGHTNESS VALUE WILL BE SAVED IN THE CURRENT SCENE MODE.



CONTRAST:

CONTRAST CAN BE ADJUSTED, 1-10 LEVELS ADJUSTABLE.

NOTE: THE VALUE OF ADJUSTED CONTRAST WILL BE SAVED IN THE CURRENT SCENE MODE.



QUICK START (12)

COMPENSATION MODEL:

THREE COMPENSATION MODES ARE AVAILABLE: AUTOMATIC COMPENSATION, SCENE COMPENSATION, AND SHUTTER COMPENSATION.

AUTOMATIC COMPENSATION:

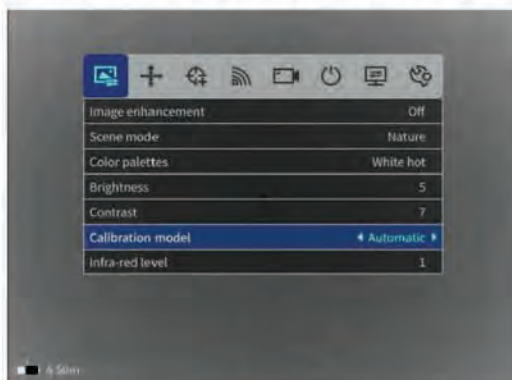
THE DEVICE AUTOMATICALLY CORRECTS THE IMAGE QUALITY; NO OPERATION IS REQUIRED.

SCENE COMPENSATION:

THE USER CAN MANUALLY CORRECT THE IMAGE QUALITY ACCORDING TO THEIR NEEDS. THE LENS COVER NEEDS TO BE ON.

SHUTTER COMPENSATION:

THE USER CAN MANUALLY CORRECT THE IMAGE QUALITY ACCORDING TO THEIR NEEDS. THE DEVICE SHUTTER IS CLOSED TO COMPENSATE.



INFRA-RED LEVEL:

THE RED HOT PALETTE LEVEL CAN BE ADJUSTED. THERE ARE 10 TOTAL LEVELS, 1-10.

NOTE: WHEN ENTERING THE RED HOT LEVEL, THE IMAGE IS SWITCHED TO RED HOT IN REAL TIME, AND WHEN EXITING, IT RETURNS TO THE ORIGINAL COLOR PALETTE. THE VALUE OF THE RED HOT LEVEL IS SAVED IN THE CURRENT SCENE MODE.



QUICK START (13)

(22) RETICLE SETTINGS

MODEL CONFIGURATION:

10 GROUPS OF ZEROING SETTING PARAMETERS CAN BE SAVED (A THROUGH J).
THE ZEROING DISTANCE, ZEROING LOCATION, RETICLE TYPE, RETICLE COLOR, AND RETICLE BRIGHTNESS WILL BE SAVED.



RETICLE TYPE:

THERE ARE TEN DISTINCT TYPES WHICH CAN BE SELECTED.



RETICLE COLOR & RETICLE BRI:

COLOR: AVAILABLE IN BLACK, WHITE, YELLOW, GREEN, BLUE, AND RED, 6 TYPES IN TOTAL.

RETICLE BRI (BRIGHTNESS): CAN BE ADJUSTED, A TOTAL OF 1-10 LEVELS.



QUICK START (14)

(23) ZERO CALIBRATION SETTINGS

OPTIONAL 50 M, 100 M, 200 M, 300 M, 500 M DISTANCES, MANUAL ZERO CALIBRATION EDITING, EDITING X, Y VALUES, AND RETICLE POSITION ADJUSTMENT.

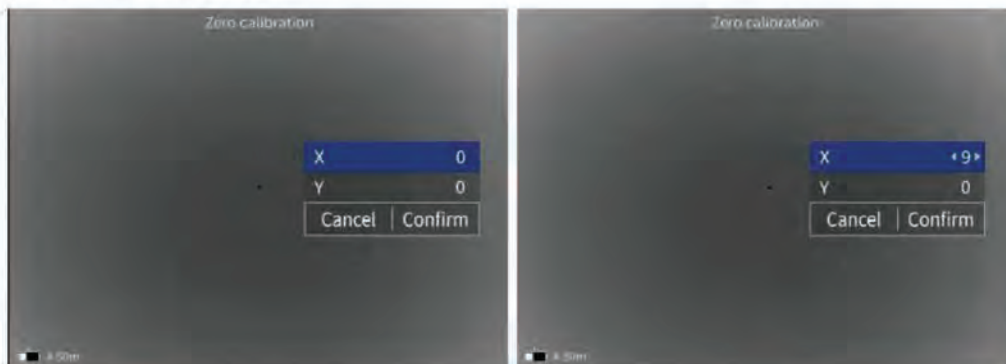


ZERO CALIBRATION STEPS ARE AS FOLLOWS:

EACH TIME THE ZERO CALIBRATION INTERFACE IS ENTERED, THE MAGNIFICATION VALUE WILL BE SET TO THE MINIMUM. USE THE ZOOM KNOB TO ADJUST IT.

ENTER THE ZERO CALIBRATION INTERFACE, AIM AT THE EXPECTED HIT POINT WITH THE CENTER OF THE CURRENT RETICLE, SHOOT, AND MEASURE THE RELATIVE DISTANCE BETWEEN THE ACTUAL IMPACT POINT AND THE EXPECTED HIT POINT.

ACCORDING TO THE RELATIVE DISTANCE, SELECT "X" OR "Y" DIRECTION, MOVE THE CENTER POINT OF THE CURRENT RETICLE TO THE ACTUAL IMPACT POINT. THE WHITE CROSS CURSOR REPRESENTS THE POSITION BEFORE THE CURRENT RETICLE MOVES. PRESS CONFIRM TO SAVE SETTINGS, CANCEL TO EXIT WITHOUT SAVING NEW SETTINGS.



QUICK START (15)

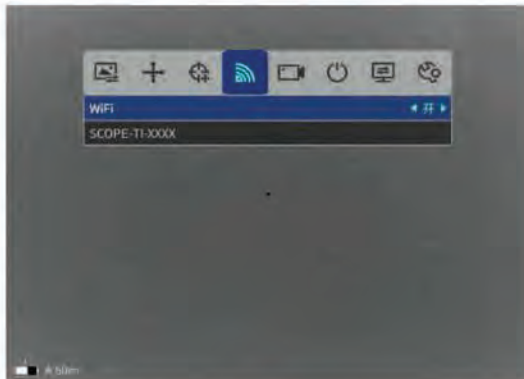
(24) WIFI

WIFI SWITCH

WHEN A MOBILE DEVICE AND THE THERMAL DEVICE ARE CONNECTED, REAL-TIME VIDEO CAN BE TRANSMITTED TO THE MOBILE DEVICE.

WIFI NAME: SCOPE-TI-XXXX

NOTE: SEARCH AND DOWNLOAD THE 'TARGETIR' APP. OPEN THE APP, FIND THE WIFI NAME OF 'SCOPE-TI-XXXX' IN THE MOBILE PHONE WIFI SETTINGS, AND ENTER THE PASSWORD '12345678'. WHEN CONNECTED, THE DEVICE CAN BE OPERATED THROUGH THE APP, ACCESS THE PHOTOS/VIDEOS ON THE DEVICE, AND PERFORM OPERATIONS SUCH AS PHOTO/VIDEO PLAYBACK, SHARING, AND DELETION. FOR DETAILS, PLEASE REFER TO SECTION 9.2 OF THIS USER MANUAL.



(25) RECORD SETTINGS

RECORD MODE

CHOOSE FROM SINGLE SHOT, SHOOTING PHOTO AND SHOOTING RECORD.

SINGLE SHOT AND SINGLE RECORD:

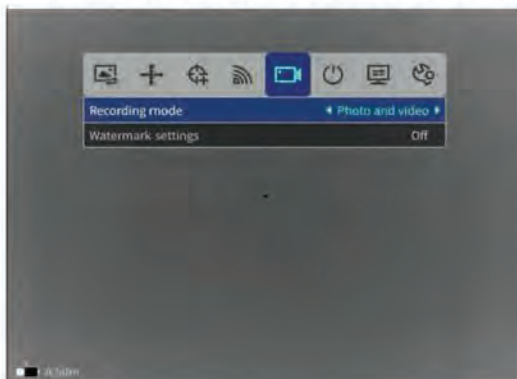
USE THE "CAMERA" BUTTON TO INITIATE SHOOTING AND VIDEO RECORDING

SHOOTING PHOTOS:

AUTOMATICALLY RECORD IMAGES WHEN SHOOTING, TAKE 10 IMAGES CONTINUOUSLY WITHIN 1 SECOND

SHOOTING RECORD:

AUTOMATICALLY RECORD 3 SECONDS BEFORE SHOOTING AND 7 SECONDS AFTER SHOOTING



THE PHOTO RECORD INFORMATION IS AS FOLLOWS:

RECORD FORMA: JPG FORMAT

RECORD FILE:/DCIM/GUIDECAMERA

THE VIDEO RECORD INFORMATION IS AS FOLLOWS:

RECORD FORMAT: H264 ENCODED MP4 FORMAT

RECORDFILE:/DCIM/GUIDEVIDEO

VIDEO RESOLUTION: 1024×768 VIDEO FRAME: 50HZ

WATERMARK SETTINGS:

WHEN ON SELECT FROM TIME ONLY, DATE ONLY, AND TIME/DATE OFF.

QUICK START (16)

(26) POWER-SAVING SETTINGS



AUTO STAND-BY

5, 10, OR 15 MINUTES OF AUTOMATIC SLEEP TIME CAN BE SET. DEVICE ENTERS A SLEEP STATE IF THERE IS NO OPERATION DURING THE SETTING TIME.

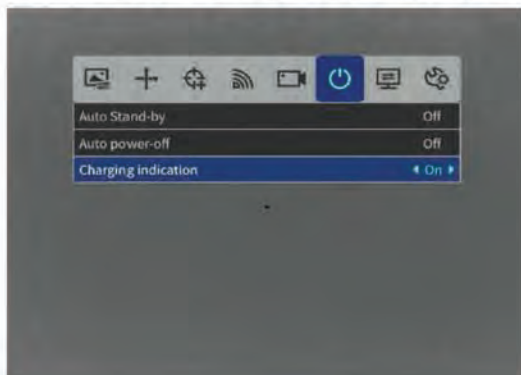
AUTO POWER-OFF

THE AUTOMATIC POWER-OFF TIME CAN BE SET TO 15, 30, OR 60 MINUTES. IF THERE IS NO KEY OPERATION DURING THE SET TIME, THE DEVICE WILL BEGIN THE POWER-OFF COUNTDOWN AND TURN OFF AT THE END OF THE COUNTDOWN.



CHARGING INDICATION:

THE SWITCH THAT CONTROLS THE INDICATOR LIGHT OF THE CHARGING PORT.



QUICK START (17)

(27) LOCAL SETTINGS



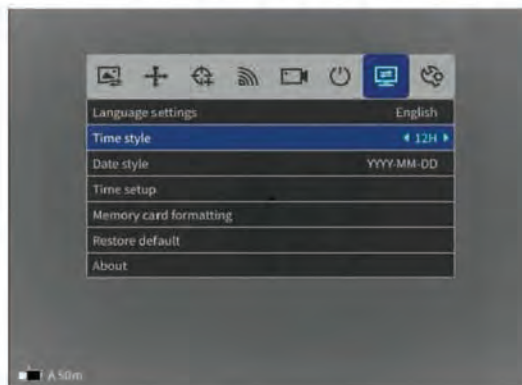
BRIGHTNESS:

LANGUAGE SETTINGS:

FIVE LANGUAGES ARE AVAILABLE; CHINESE, ENGLISH, RUSSIAN, GERMAN, AND FRENCH

TIME STYLE:

CHOOSE FROM 12H OR 24H FORMATS



QUICK START (18)

(27) LOCAL SETTINGS CONTINUED:

DATE STYLE:

CHOOSE FROM THREE FORMATS: YYYY-MM-DD, MM-DD-YYYY, OR DD-MM-YYYY

TIME STYLE:

ENTER THE TIME SETTING FUNCTION. ROTATE THE MENU KNOB TO MOVE THROUGH THE DATE, TIME AND SAVING OPTIONS. SHORT PRESS THE MENU BUTTON TO ENTER AN OPTION. ROTATE THE MENU KNOB TO MOVE BETWEEN THE SPECIFIC TIME VALUES. SELECT 'CONFIRM' TO SAVE THE NEW SETTINGS OR SELECT 'CANCEL' TO CANCEL THE OPERATION.



MEMORY CARD FORMATTING:

YOU CAN CHOOSE TO FORMAT THE MEMORY CARD, SELECT 'YES' TO FORMAT THE MEMORY CARD, SELECT 'NO' TO CANCEL THE OPERATION.

SELECT WITH CAUTION !



QUICK START (19)

(27) LOCAL SETTINGS CONTINUED:

RESTORE DEFAULT:

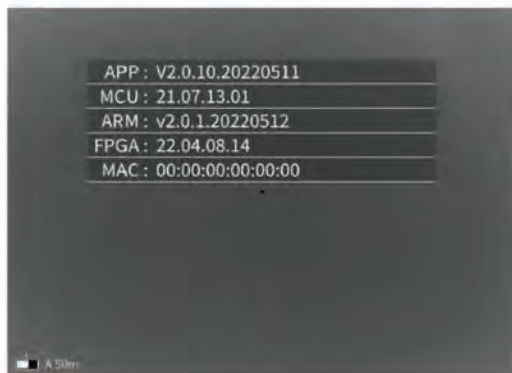
YOU CAN CHOOSE WHETHER TO RESTORE THE DEFAULT VALUES. SELECT 'YES' TO RESTORE ALL PARAMETERS TO FACTORY SETTINGS; SELECT 'NO' TO CANCEL THE OPERATION.

SELECT WITH CAUTION!



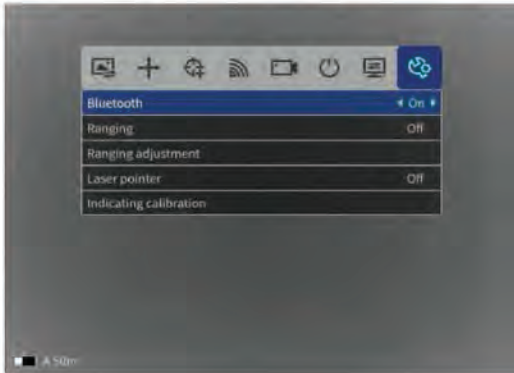
ABOUT:

CHECK THE CURRENT DEVICE INFORMATION. (THIS FIGURE IS FOR REFERENCE DISPLAY ONLY)



QUICK START (20)





(28) OTHER SETTINGS



REMOTE CONTROL:

WHEN THE BLUETOOTH FUNCTION IS TURNED ON THE BLUETOOTH ICON WILL FLICKER, AND THE BLUETOOTH REMOTE CONTROL WILL BE SEARCHED. THE DEVICE IS RANDOMLY CONNECTED TO THE REMOTE CONTROL. ONCE THE CONNECTION IS MADE, THE BLUETOOTH ICON STOPS FLICKERING AND NOW THE RIFLESCOPE CAN BE CONTROLLED USING THE BLUETOOTH REMOTE CONTROL.

THE BLUETOOTH REMOTE HAS 1 ON/OFF SWITCH AND 4 BUTTONS. THE 4 BUTTONS CORRESPOND TO THE 4 BUTTONS ON THE DEVICE SIDE RESPECTIVELY, AS SHOWN IN THE FIGURE BELOW.

REMOTE CONTROLLER BUTTON	OPERATION	FUNCTION	CURRENT STATE
	PRESS	COMPENSATION	MENU BAR NOT SHOWN
	PRESS TO CANCEL HALFWAY THROUGH	DISPLAY OFF	----
	PRESS	TAKE PHOTO MENU MOVEMENT	MENU BAR NOT SHOWN MENU BAR DISPLAY
	LONG PRESS	ZOOM OUT	----
	PRESS	SHORTCUT MENU TO NEXT MENU CONFIRM OPTION	MENU BAR NOT SHOWN MENU BAR DISPLAY
	LONG PRESS	MAIN MENU RETURN/EXIT LAST LEVEL CANCEL SETTING	MENU BAR NOT SHOWN MENU BAR DISPLAY
	PRESS	START RECORDING/FINISH RECORDING FUNCTION/OPTION TOGGLE DOWN OR RIGHT	MENU BAR NOT SHOWN MENU BAR DISPLAY
	LONG PRESS	ZOOM-IN	----

QUICK START (21)

(28) OTHER SETTINGS CONTINUED

RANGEFINDER:

URNS ON AND OFF THE EXTERNAL RANGING CURSOR AND ALLOWS FOR ADJUSTMENT. THE BLUE RANGING CURSOR AND DISTANCE INFORMATION WILL BE DISPLAYED ON THE OLED. WHEN ZOOMING IN, THE CENTER OF THE CURSOR MUST REMAIN ON THE TARGET INDICATION POINT.

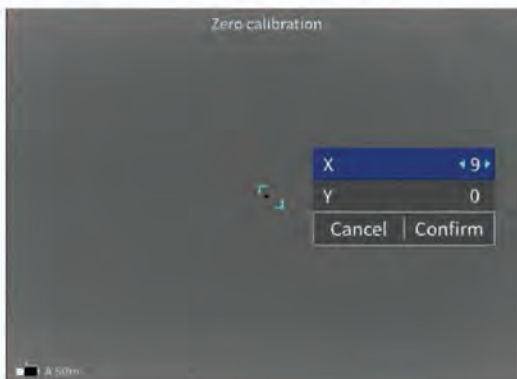
NOTE: IT NEEDS TO BE USED WITH OPTIONAL ACCESSORIES.



ZERO CALIBRATION:

WHEN THE ADJUSTMENT FUNCTION IS ENTERED, THE SCREEN MAGNIFICATION IS 1X BY DEFAULT. AT THIS TIME, THE ABSCISSA (X-AXIS) AND ORDINATE (Y-AXIS) CAN BE ADJUSTED BY SELECTING EITHER X OR Y AND ROTATING THE MENU KNOB. SHORT PRESS THE MENU BUTTON TO KEEP THE SETTING AND MOVE TO THE OTHER AXIS OR SELECT 'CONFIRM' TO SAVE THE NEW SETTINGS OR SELECT 'CANCEL' TO CANCEL THE OPERATION WITHOUT SAVING THE SETTING.

NOTE: IT NEEDS TO BE USED WITH OPTIONAL ACCESSORIES.



QUICK START (22)

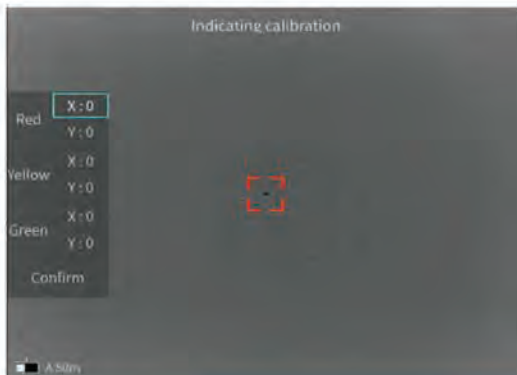
LASER INDICATOR:

WHEN TURNED ON AN INDICATOR CURSOR WILL BE IN THE CENTER OF THE SCREEN. THERE ARE THREE COLOR CHOICES: RED, YELLOW, AND GREEN.



INDICATING CALIBRATION:

CALIBRATE THE THREE LASER POINTERS (RED, YELLOW, AND GREEN) INDIVIDUALLY. SELECT THE X OR Y AXIS FOR EACH COLOR. SELECT 'CONFIRM' TO SAVE THE SETTINGS OR LONG PRESS THE MENU BUTTON TO EXIT THE FUNCTION WITHOUT SAVING.

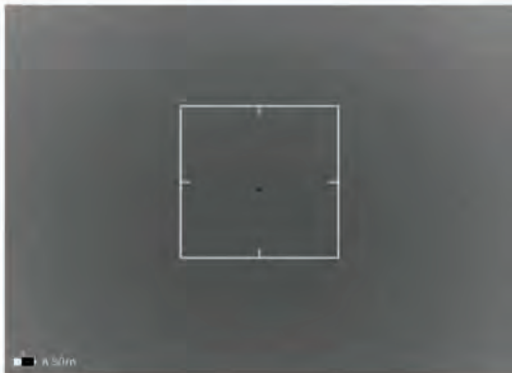


QUICK START (23)

(28) OTHER SETTINGS CONTINUED

PHOTOS:

WHEN TURNED ON AND NOT IN A MENU, SHORT PRESS THE SHUTTER BUTTON TO TAKE A PHOTO. THE IMAGE WILL FREEZE FOR 300MS THEN RETURN TO THE REAL-TIME IMAGE.



VIDEOS:

WHEN TURNED ON AND NOT IN A MENU, LONG PRESS THE SHUTTER BUTTON TO START RECORDING. RELEASE THE SHUTTER BUTTON ONCE THE VIDEO TIME ICON APPEARS AT THE TOP OF THE SCREEN. TO STOP THE RECORDING, LONG PRESS AND HOLD THE SHUTTER BUTTON UNTIL THE VIDEO TIME ICON DISAPPEARS.

DURING THE VIDEO RECORDING, SHORT PRESS THE SHUTTER BUTTON TO TAKE INDIVIDUAL PHOTOS.



RETICLE DESCRIPTIONS (1)

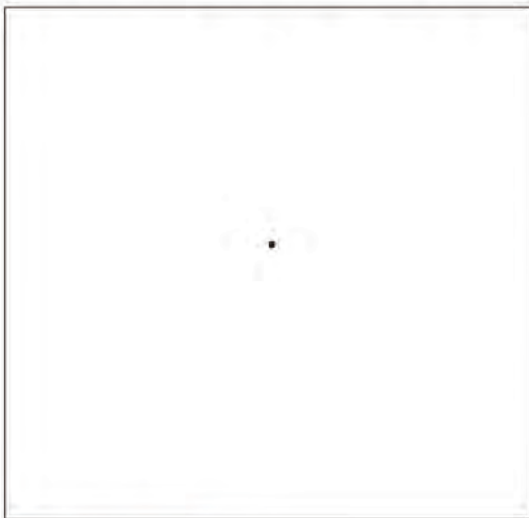
THERE ARE TEN DIFFERENT TYPES OF RETICLES IN THIS SERIES.

THE RETICLE SCALE VALUE APPLIES IN THE FOLLOWING TWO CASES: RETICLE

- I. WHEN THE MAGNIFICATION OF THE MONITOR IS SET TO THE MINIMUM VALUE
- II. WHEN "PIP" IS ACTIVATED

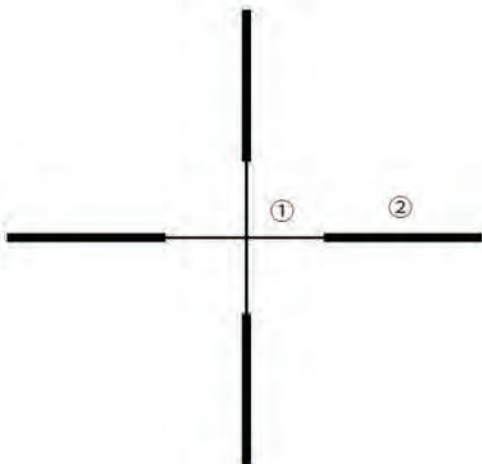
RETICLE 1:

THERE IS ONLY ONE POINT, THE LENGTH AND WIDTH ARE THE SAME AS THE THIN LINE WIDTH OF THE RETICAL.



Model	IFOV/mrad	Mil-Dot	MOA	px/mil	cm@100m
TS200	0.19	0.19	0.65	5.27	1.90
TS300	0.21	0.21	0.74	4.67	2.14

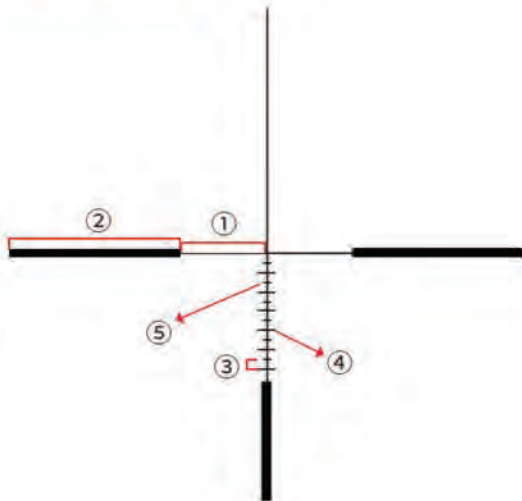
RETICLE 2:



Model		TS200 & TS300
mil	①	10
	②	20
cm@100m	①	100
	②	200

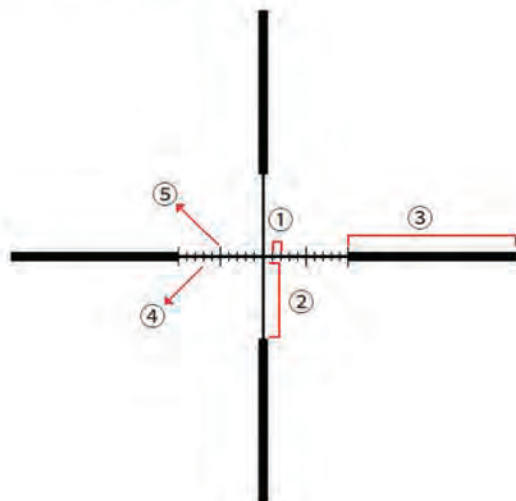
RETICLE DESCRIPTIONS (2)

RETICLE 3:



Model	TS200 & TS300	
mil	①	10
	②	20
	③	1
	④	2
	⑤	1
cm @ 100 m	①	100
	②	200
	③	10
	④	20
	⑤	10

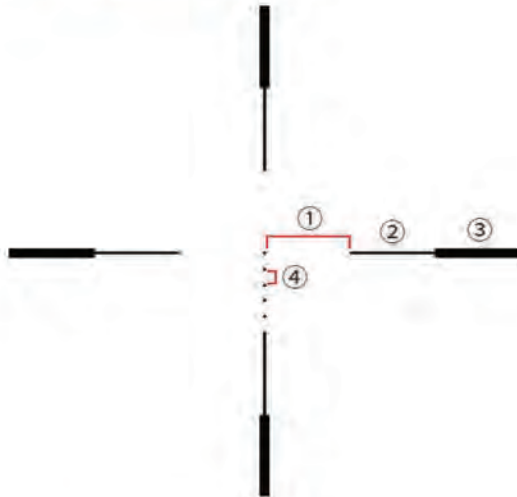
RETICLE 4:



Model	TS200 & TS300	
mil	①	1
	②	10
	③	20
	④	1
	⑤	2
cm @ 100 m	①	10
	②	100
	③	200
	④	10
	⑤	20

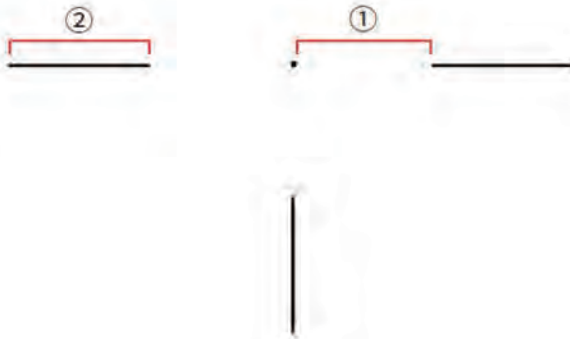
RETICLE DESCRIPTIONS (3)

RETICLE 5:



Model		TS200 & TS300
mil	①	10
	②	10
	③	10
	④	2
cm @ 100 m	①	100
	②	100
	③	100
	④	20

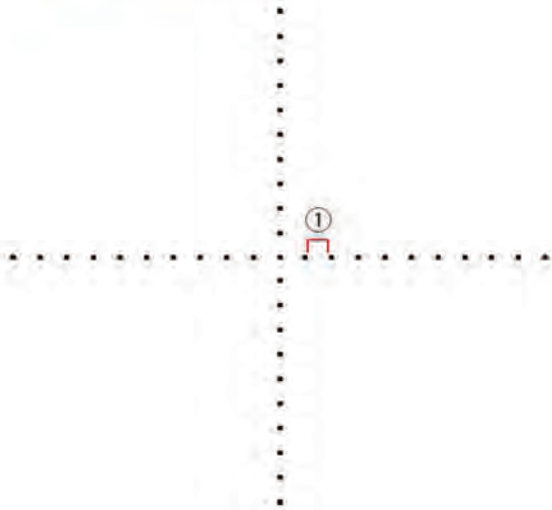
RETICLE 6:



Model		TS200 & TS300
mil	①	15
	②	15
	①	150
	②	150

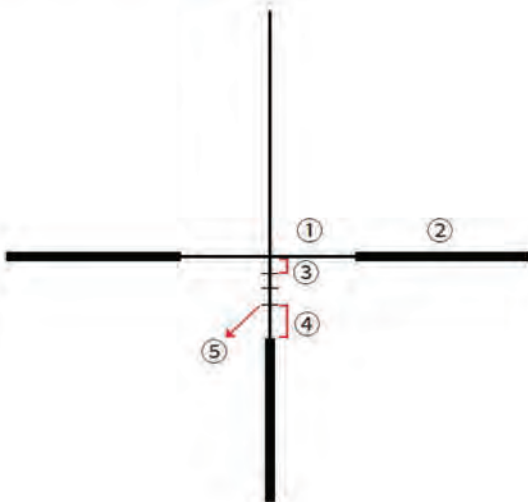
RETICLE DESCRIPTIONS (4)

RETICLE 7:



Model		TS200 & TS300
mil	①	2
cm@100 m	①	20

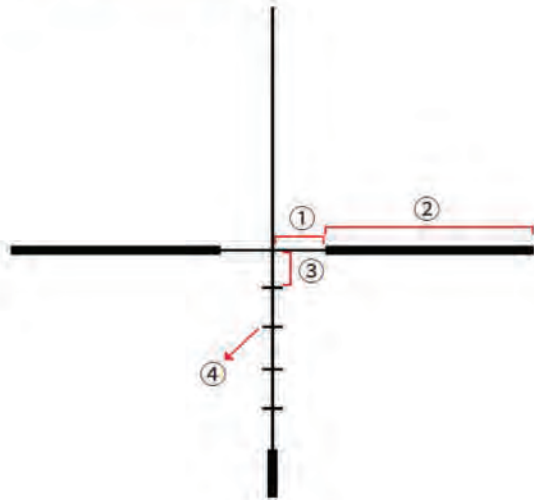
RETICLE 8:



Model		TS200 & TS300
mil	①	10
	②	20
	③	2
	④	4
	⑤	2
cm @ 100 m	①	100
	②	200
	③	20
	④	40
	⑤	20

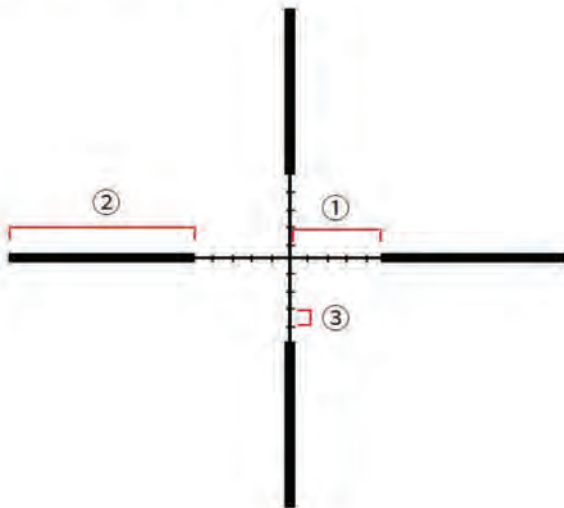
RETICLE DESCRIPTIONS (5)

RETICLE 9:



Model		TS200 & TS300
mil	①	5
	②	25
	③	5
	④	2
cm @ 100 m	①	50
	②	250
	③	50
	④	20

RETICLE 10:



Model		TS200 & TS300
mil	①	10
	②	20
	③	2
cm @ 100 m	①	100
	②	200
	③	20

OTHER INSTRUCTIONS (1)

POWER DISPLAY:

WHEN THE THERMAL IMAGING SCOPE IS ON, THE POWER INDICATOR WILL BE DISPLAYED IN THE LOWER LEFT CORNER OF THE SCREEN. THE POWER INDICATOR WILL DISPLAY THE CELL'S REMAINING POWER. THE ELECTRICITY LEVELS ARE AS FOLLOWS:



High Power



Medium
High Power



Medium
Power



Medium
Low Power



Low Power



Extremely
Low Power

NOTE: WHEN THE POWER INDICATOR IS AT LOW POWER, CHARGE THE CELL OR REPLACE IT!

SOFTWARE CONNECTION:

WIFI CONNECTION

- 1) DOWNLOAD THE 'TARGETIR' APP ON YOUR MOBILE PHONE.
- 2) TURN ON PRODUCT'S WIFI.
- 3) ENTER THE MOBILE PHONE WIFI SETTING INTERFACE, SELECT THE WIFI NAME OF 'SCOPE-TI-XXXX', ENTER THE PASSWORD '12345678' TO CONNECT.
- 4) RETURN TO 'TARGETIR' APP ON YOUR MOBILE PHONE.

NOTE: IN ORDER TO ENSURE RELIABLE WI-FI SIGNAL CONNECTION AND STABLE DATA TRANSMISSION, PLEASE TRY TO ENSURE THAT THE CONNECTION DISTANCE IS WITHIN 15M, AND THERE ARE NO OBSTACLES (SUCH AS PARTITION WALLS, ETC.).

OTHER INSTRUCTIONS (2)

APP FUNCTION DESCRIPTION:

CONTROL THE DEVICE USING THE 'TARGETIR' APP: AFTER THE APP IS SUCCESSFULLY CONNECTED TO THE DEVICE'S WIFI, THE DEVICE CAN BE REMOTELY OPERATED.



TARGETIR FUNCTION & OTHER ICONS:

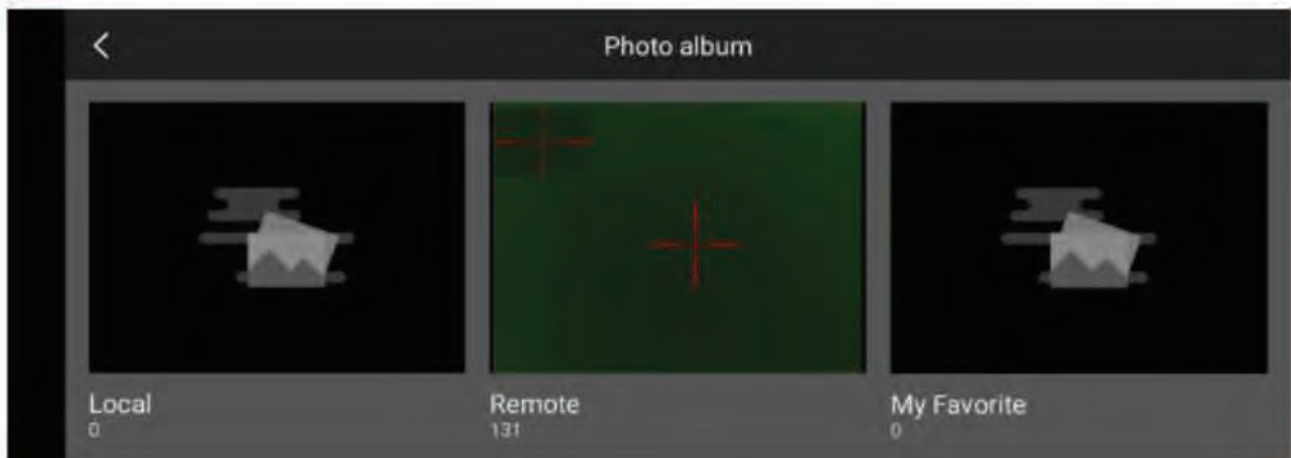
- (29) RETICLE SETTINGS, COMMON SETTINGS
- (30) HOT TRACK, PIP, IMAGE ENHANCEMENT
- (31) BRIGHTNESS ADJUSTMENT, CONTRAST ADJUSTMENT
- (32) STADIA METRIC RANGEFINDER
- (33) NATURAL/ENHANCED/HIGHLIGHT MODE
- (34) COLOR PALETTE - WHITE HOT/BLACK HOT/RED HOT/IRON RED/BLUE HOT/GREEN HOT
- (35) SHOOTING STATUS DISPLAY
- (36) SHOOTING/RECORDING CONTROL KEY
- (37) RECORDING STATUS DISPLAY
- (38) APP GALLERY ENTRY



ACCESSING FILES

LOCAL ALBUM

ONCE THE APP IS CONNECTED TO THE DEVICE'S WIFI, PICTURES AND VIDEOS CAN BE DOWNLOADED TO THE LOCAL FILE ON THE APP. PICTURES AND VIDEOS ARE AUTOMATICALLY SAVED TO THE LOCAL PHOTO ALBUM ON THE MOBILE DEVICE WHILE CONNECTED. PICTURES AND VIDEOS CAN BE COLLECTED, SHARED, AND DELETED ON THE APP.



REMOTE

WHEN THE APP IS CONNECTED TO DEVICE'S WIFI, THE LOCATION OF THE PICTURE/VIDEO FILE WILL BE STORED ON THE APP WHEN PICTURES/VIDEOS WERE TAKEN. THE PICTURES/ VIDEOS CAN BE DOWNLOADED, DELETED, ETC. AND THE FILES WILL BE AUTOMATICALLY SAVED TO THE LOCAL PHOTO ALBUM OF THE MOBILE DEVICE.

MY FAVORITES

THE LOCATION WHERE THE APP'S FILES ON THE LOCAL ALBUM ARE STORED WHEN ADDED TO 'MY FAVORITES'.

SECTION 10 - COMMON TROUBLESHOOTING GUIDE

1) THE DEVICE FAILED TO POWER ON:

SOLUTION: REPLACE THE BATTERY OR CONNECT THE CHARGING ADAPTOR.

2) THE DEVICE NOT TAKING PICTURES/VIDEOS:

SOLUTION: THE INTERNAL STORAGE SPACE IS FULL AND THE MEMORY CARD NEEDS TO BE FORMATTED.

3) THE TIME DISPLAYED ON THE DEVICE DOES NOT MATCH THE ACTUAL TIME:

SOLUTION: RESET THE TIME AND DATE OF THE DEVICE IN THE MENU.

4) THE SCREEN GOES OFF DURING USE:

SOLUTION: SHORT PRESS ANY BUTTON TO WAKE UP THE DEVICE.

5) IMAGE IS BLURRY ON THE DEVICE:

SOLUTION: TURN THE FOCUSING RING UNTIL THE IMAGE IS CLEAR.

DISCLAIMERS

PRODUCTS CAN SENSE MOTION DETECTION AND FIRE EVENTS WHEN PROPERLY INSTALLED AND CONFIGURED BUT CANNOT PREVENT ACCIDENTS, PERSONAL INJURY OR PROPERTY DAMAGE. WHEN USING THIS PRODUCT, ABIDE BY THE LAWS OF USE. YOU AGREE THAT THIS PRODUCT IS FOR CIVILIAN USE ONLY AND SHALL NOT BE USED FOR INFRINGING THE RIGHTS OF THIRD PARTIES, MEDICAL, SAFETY EQUIPMENT, OR OTHER APPLICATIONS FOR PRODUCT FAILURE MAY CAUSE DANGER TO LIFE OR PERSONAL INJURY, WEAPONS OF MASS DESTRUCTION, AND BIOLOGICAL WEAPONS. ANY UNSAFE NUCLEAR ENERGY USE, VIOLATION OF HUMANITARIANISM, OR LIABILITY CAUSED BY THE ABOVE USE WILL BE BROUGHT ON BY YOU. IN THE EVENT OF A CONFLICT BETWEEN THE FOREGOING AND APPLICABLE LAW, THE LAW SHALL PREVAIL.

THIS USER MANUAL IS PREPARED FOR THE CONVENIENCE OF THE USER TO KNOW AND OPERATE OUR PRODUCTS. X- VISION OPTICS RESERVES THE RIGHT TO MODIFY THE MANUAL AT ANY TIME WITHOUT NOTICE.

DANGERS

FOLLOW THE CHARGING PROCEDURES AND PRECAUTIONS AS OUTLINED IN THE OWNER'S MANUAL. IMPROPER CHARGING MAY CAUSE OVERHEATING, DAMAGE, AND EVEN PERSONAL INJURY.

DO NOT TRY TO OPEN OR DISASSEMBLE THE CELL AT ANY TIME. IF LIQUID FROM CELL LEAKAGE TOUCHES THE EYES, RINSE WITH CLEAN WATER AT ONCE AND SEEK MEDICAL CARE.

WARNINGS

- PLEASE KEEP THE DEVICE AS STABLE AS POSSIBLE, AVOID VIOLENT SHAKING.
- DO NOT USE OR STORE THE DEVICE IN AN ENVIRONMENT WITH TEMPERATURES HIGHER THAN 140 °F (60°C).
- DO NOT EXPOSE THE DEVICE DIRECTLY TO HIGH-INTENSITY HEAT RADIATION SOURCES, SUCH AS THE SUN, LASER, SPOT WELDING MACHINE, ETC.
- DO NOT BLOCK THE HOLES ON THE DEVICE.
- TO AVOID DAMAGE, DO NOT HIT, THROW, OR VIBRATE THE DEVICE AND ITS ACCESSORIES.
- DO NOT DISASSEMBLE THE UNIT; THIS MAY CAUSE DAMAGE TO THE DEVICE AND VOID THE WARRANTY.
- DO NOT USE SOLVENTS OR SIMILAR LIQUIDS ON THE DEVICE AND CABLES AS THEY MAY DAMAGE THE DEVICE.
- PLEASE OBSERVE THE FOLLOWING RULES WHEN CLEANING THIS DEVICE:
 - NON-OPTICAL SURFACE: IF NECESSARY, USE A SOFT, CLEAN CLOTH TO WIPE THE NON-OPTICAL SURFACE OF THE THERMAL IMAGING SCOPE.
 - OPTICAL SURFACE: AVOID SOILING THE OPTICAL SURFACE OF THE LENS. DO NOT TOUCH THE LENS WITH YOUR HANDS. THE OPTICAL COATING ON THE GLASS SURFACE MAY CORRODE DUE TO OILS AND MOISTURE ON YOUR HANDS. USE A PROFESSIONAL LENS CLOTH TO CAREFULLY CLEAN OPTICAL LENS SURFACE IF IT BECOMES CONTAMINATED.
- DO NOT PLACE THE CELL IN HIGH TEMPERATURE ENVIRONMENTS OR NEAR HIGH TEMPERATURE OBJECTS.

STORAGE

THE DEVICE MUST BE STORED IN A WELL-VENTILATED ROOM AND IN ITS PROTECTIVE CASE AT APPROXIMATELY - 40 DEGREES FAHRENHEIT TO 150 DEGREES FAHRENHEIT. YOU SHOULD RECHARGE THE BATTERY EVERY THREE MONTHS.

TRANSPORTATION

HANDLE THE DEVICE WITH CARE. KEEP PROTECTED FROM RAIN AND WATER. DO NOT SHAKE OR THROW THE DEVICE.

TS300 SPECS

MAGNIFICATION: 2 - 16X
THERMAL SENSOR: 640 X 480
PIXEL SIZE: 12 MM
FRAME RATE: 50 HZ
OBJECTIVE LENS: 35 MM
FIELD OF VIEW: 70 FT @ 100 YD
DETECTION RANGE: 3,100 YD
RECOGNITION RANGE: 1,400 YD
HOTSPOT TRACKING: YES
STADIAMETRIC RANGEFINDING: YES
PICTURE IN PICTURE: YES
NETD: ≤30 MK
TEMPERATURE VARIATION DETECTION: 0.05° F
DISPLAY RESOLUTION: 1024 X 768 OLED
RETICLE: 10 PATTERNS AND 6 COLOR OPTIONS
COLOR PALETTES: 6
POWER SUPPLY: RECHARGEABLE 3.6V LITHIUM-ION (2 INC.)
BATTERY LIFE: 5 HR
IP RATING: IP67
DIMENSION: 14.4 X 4.2 X 2.7 IN
WEIGHT: 2.1 LB
INTERNAL MEMORY: 16 GB
MOUNT: 30 MM SCOPE RINGS (INC.)
WI-FI CAPABILITY: YES
PHOTO AND VIDEO: YES
APPLICATIONS: APPLE IOS & GOOGLE PLAY
ACCESSORIES: DUAL BATTERY CHARGER, BATTERY CHARGE CABLE, PROTECTIVE CASE, SCOPE RINGS, LENS CLOTH, RUBBER EYE PIECE, LENS CAP, RECHARGEABLE BATTERY (2 INC.)

TS200 SPECS

MAGNIFICATION: 2.3 - 9.2X
THERMAL SENSOR: 400 X 300
PIXEL SIZE: 17 MM
FRAME RATE: 50 HZ
OBJECTIVE LENS: 35 MM
FIELD OF VIEW: 60 FT @ 100 YD
DETECTION RANGE: 2,600 YD
RECOGNITION RANGE: 1,100 YD
HOTSPOT TRACKING: YES
STADIAMETRIC RANGEFINDING: YES
PICTURE IN PICTURE: YES
NETD: ≤30 MK
TEMPERATURE VARIATION DETECTION: 0.05° F
DISPLAY RESOLUTION: 1024 X 768 OLED
RETICLE: 10 PATTERNS AND 6 COLOR OPTIONS
COLOR PALETTES: 6
POWER SUPPLY: RECHARGEABLE 3.6V LITHIUM-ION (2 INC.)
BATTERY LIFE: 5 HR
IP RATING: IP67
DIMENSION: 14.4 X 4.2 X 2.7 IN
WEIGHT: 2.07 LB
INTERNAL MEMORY: 16 GB
MOUNT: 30 MM SCOPE RINGS
WI-FI CAPABILITY: YES
PHOTO AND VIDEO: YES
APPLICATIONS: APPLE IOS & GOOGLE PLAY
ACCESSORIES: DUAL BATTERY CHARGER, BATTERY CHARGE CABLE, PROTECTIVE CASE, SCOPE RINGS, LENS CLOTH, RUBBER EYE PIECE, LENS CAP, RECHARGEABLE 3.6V LITHIUM-ION (2 INC.)

SPECS CONTINUED (1)

DETECTOR

RESOLUTION
PACKAGE
DETECTOR RESOLUTION
SPECTRAL

TS200

400 X 300 @ 17 μ m
METAL
400 X 300
8-14 μ m

TS300

640 X 512 @ 12 μ m
METAL
640 X 480
8-14 μ m

LENS

NETD
FOCAL LENGTH
FOCUSING
FOV

\leq 50MK
35 MM F1.2
MANUAL
11.1 X 8.33

\leq 50 ML
35 MM F1.0
MANUAL
12.52 X 9.41

IMAGE

FRAME RATE
ELECTRONIC AMP.

50HZ
1X-4X

50HZ
1X-8X

POWER

BATTERY
CHARGING

TS200 & TS300

RECHARGEABLE 3.6V LITHIUM-ION (2 INCLUDED)
CHARGEABLE USB-C TYPE

DEVICE INTERFACE

USB
VIDEO INTERFACE
WIFI
BLUETOOTH
EXTERNAL EXTENSION
PIPE DIAMETER

TS200 & TS300

USB-C TYPE CAN BE POWERED, AND CAN READ MEMORY
MICRO-HDMI
2.4GHZ, 802, 11B/G/N, MAXIMUM RANGE 15M
BLUETOOTH REMOTE CONTROL, CAN BE CONNECTED TO DEVICE FOR WIRELESS CONTROL
EXTERNAL CONNECTION PORT, EXP. EXTERNAL MONITOR, EXTERNAL LASER POINTER
30MM FOR BOTH

DISPLAY SYSTEM

OLED
RESOLUTION
DIOPTRE
DISTANCE OF EXIT PUPIL
DIAMETER OF EXIT PUPIL
EYEPIECE MAGNIFICATION
DEVICE MAGNIFICATION
VIDEO OUTPUT FORMAT

TS200 & TS300

.39 IN OLED
1024 X 768 FULL-SCREEN DISPLAY
-4 - +4
48MM
8MM
14X
TS200: 2.3-9.2 TS300: 2-16X
HDMI

BUTTON

POWER ON/OFF
MENU TURRET
RECORDING
ZOOM-IN TURRET

YES
YES
YES
YES

SPECS CONTINUED (2)

FUNCTION

SLIDING AND MAGNIFICATION
SCREEN BRIGHTNESS
DETECTOR BRIGHTNESS
DETECTOR CONTRAST
IMAGE QUALITY ENHANCEMENT
ADJUST SCENE MODE
STADIA METRIC RANGEFINDER
SUPER ENERGY-SAVING MODE
PHOTO
VIDEO
WIFI
COLOR PALETTES
HOT SPOT TRACKING
COMPENSATION MODE
AUTOMATIC POWER-OFF
AUTO STAND BY
CHARGING INDICATOR LIGHT
LANGUAGE SETTINGS
TIME SETTINGS
WATERMARK SETTINGS
PIP
RESTORE DEFAULT
EMMC
EXTERNAL RANGING
BLUETOOTH
ZERO CALIBRATION MODEL
SCALE MARK TYPE
SCALE MARK COLOR
SCALE MARK BRIGHTNESS
ONE-CLICK CALIBRATION
HARDWARE UPGRADE

SYSTEM

POWER ON TIME

ENVIRONMENT ADAPTATION

WORKING TEMPERATURE
STORAGE TEMPERATURE
HUMIDITY
IMPACT
VIBRATION
DUST/WATERPROOF

TS200 & TS300

YES
5 LEVELS
10 LEVELS
10 LEVELS
POWER ON/OFF
SUPPORT NATURAL, HIGHLIGHT, ENHANCED MODE
YES
POWER ON/OFF
YES
YES

WIFI CAN TRANSMIT PHOTOS/VIDEO. DEVICE CAN BE OPERATED THRU PHONE APP.

WHITE HOT, BLACK HOT, RED HOT 1, RED HOT 2, ADJUST. RED HOT 3, GREEN HOT, IRON RED, BLUE HOT

YES
SCENE COMPENSATION / SHUTTER COMPENSATION,
THE AUTO POWER OFF TIME CAN SET TO 15, 30, OR 60 MINUTES
AUTO STAND BY TIME CAN SET TO 5, 10, 15 MIN

SWITCH THAT CONTROLS THE INDICATOR LIGHT OF THE CHARGING PORT

ENGLISH, RUSSIAN, GERMAN, FRENCH, CHINESE
YES
YES

YES, TOP LEFT, TOP MIDDLE, TOP RIGHT POSITIONS TO CHOOSE SCALE MARK

YES
YES, CAN BE FORMATTED (16GB CHIP CAPACITY)
YES

POWER ON/OFF
50M/100M/200M/300M/500M 10 TYPES
10 TYPES

BLACK, WHITE, YELLOW, GREEN, RED, BLUE
10 LEVELS
YES

HARDWARE OF EACH MODEL CAN UPGRADE DIRECTLY THRU THE MEMORY CARD.

12 SECONDS

-30° C TO 50° C

-45° C TO 70° C

10%~95% UNDER WORKING AND STORE ENVIRONMENT WITHOUT CONDENSING

500G/1M

10HZ~150HZ~10HZ 0.15MM IEC 60068-2-6

IP67

SPECS CONTINUED (3)

PACKAGE
STANDARD ITEMS

TS200 & TS300
DUAL BATTERY CHARGER, BATTERY CHARGE CABLE, PROTECTIVE CASE, SCOPE RINGS, LENS CLOTH, RUBBER EYE PIECE, LENS CAP, RECHARGEABLE BATTERY (2 INC.)

COLOR
DIMENSIONS
WEIGHT

BLACK
14.4 X 4.2 X 2.7 IN
TS200: 2.07 LBS TS300: 2.1 LBS



DISCOVER **THE UNSEEN.**

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