ACCUFIRE MULTIFUNCTIONAL SIGHT

NOCTIS V1

User Manual

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ACCUFIRE NOCTIS V1

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Product Features

- ■1080P HD Video
- ■High-Precision Trajectory Calculation
- ■Quick Calibration
- ■1-16 Times Smooth Zooming
- ■Three-Axis Gyroscope
- ■Three-Axis Accelerometer
- ■Day and Night Mode Switching
- ■WiFi Video Image Transmission
- ■Retina Screen Display

Product Specification			
Microphone	**Yes**	**Micro SD card**	**2-32Gb**
Ports	**USB type C、Micro SD**	**battery type**	**4 CR123A**
Dimensions	**196*85*87mm**	**Weight**	**31 oz/1.6lb**
IP rating	**IPX4**	**Battery Life**	**5 hours**
Mounting	**Picatinny**	**Warranty**	**2 years**

Operating Instructions

Unpacking Inspection

Please follow the steps below before using the sight:

1. Take the sight out from the packing box.
2. Check whether there are accessories: sight, light shield, hood, filter cartridge, TYPE-C data cable and micro USB data cable.
3. Before use, please ensure that the surface of the lens is smooth.

Product Power Supply

The sight can be powered by a battery or a mobile power source, and when both power sources are present, powered preferably by the mobile power supply.

Battery Power Supply:

Install 4 CR123A batteries and tighten the battery cover.

Mobile Power Source Power Supply:

Connect the sight with the mobile power using the TYPE-C data cable

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Micro SD Socket

Please be sure to insert the SD card before using the sight to ensure that the sight functions properly.
Uncover the rubber plug and insert the micro SD card as shown.

Startup & Shutdown

Start up the device: press and hold the power button until the ACCUFIRE icon appears on the screen.
Shut down the device: press and hold the power button until the screen is turned off.

Power Button and Knob

Three operating modes of power button:

Short-press 1 time: take photo

Short-press 2 times: start video

Long-press: startup & shutdown

Three operating modes of knob:

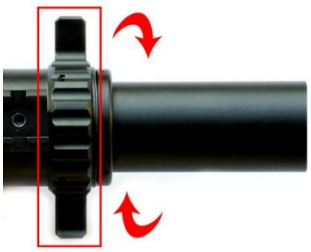
Rotate: switch option

Short-press: enter option

Long-press: enter or quit main menu

Focus Adjustment

Rotate the focus knob to ensure that a clear picture may be presented at any distance.



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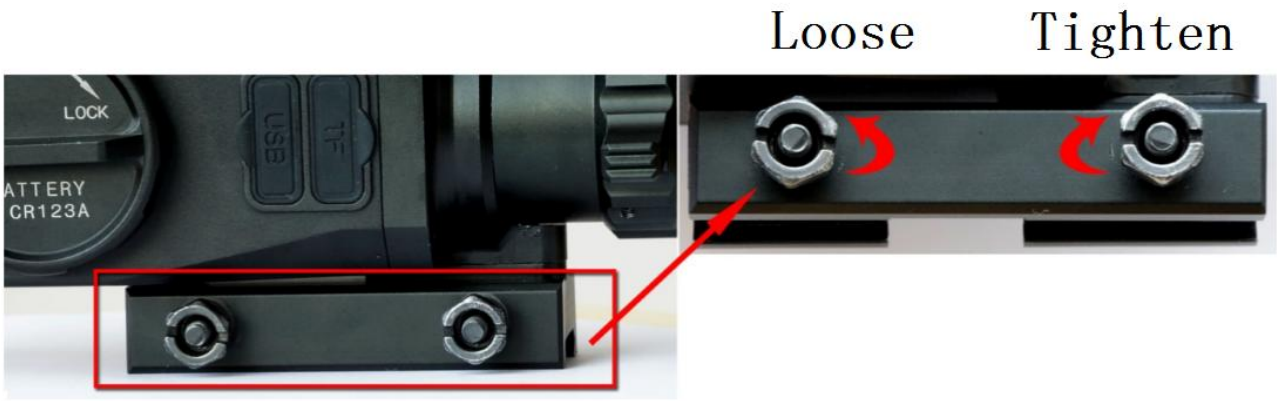
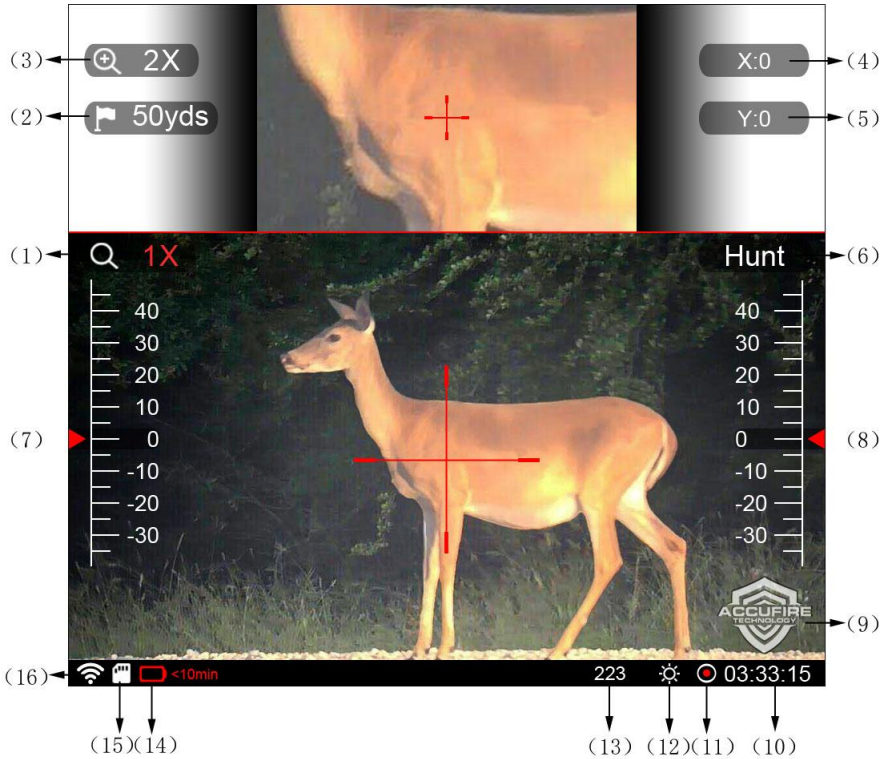
Installation

1. Unscrew two nuts on the mount.
2. Place the sight on the appropriate position of the Picatinny rail.
3. Tighten the retaining nut.



Interfaces

Home Screen



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No.	Name	Functions
1	Home screen magnification	Edit and display current magnification of the sight
2	Distance	Edit and display current distance of the target
3	Sighting area magnification	Edit and display current magnification of the sighting area
4	Horizontal trajectory compensation	Edit and display horizontal trajectory compensation at the current distance
5	Vertical trajectory compensation	Edit and display vertical trajectory compensation at the current distance
6	Hunting/observing mode	Switch between hunting and observing modes
7	Pitch angle scale	Display attitude pitch angle scale
8	Roll angle scale	Display attitude roll angle scale
9	Logo	Display product logo
10	Time display	Display cumulative time of video during video, and display the current time during non-video
11	Video indicator	Flicker during video
12	Day and night mode display	Prompt to use day/night mode currently
13	Bullet category	Display the currently used bullet category
14	Battery level	Flicker at low battery level and prompt the remaining time
15	SD card identifier	Indicate whether the SD card exists
16	Wifi identifier	whether the WiFi is opened

Menu Item

Long-press the knob, and release the knob after the home menu interface appears. There are 7 menu items in total, and various menu items can be cyclically switched by rotating the knob.

Pattern	Description
	Reticle Style 10: click the knob to select the cross division line style
	Sleep: click the knob to make the sight enter the sleep mode and turn off the screen
	Factory reset: click the knob to enter
	Software upgrade: click the knob to make the sight read the upgrade file from the SD card and perform the software upgrade.

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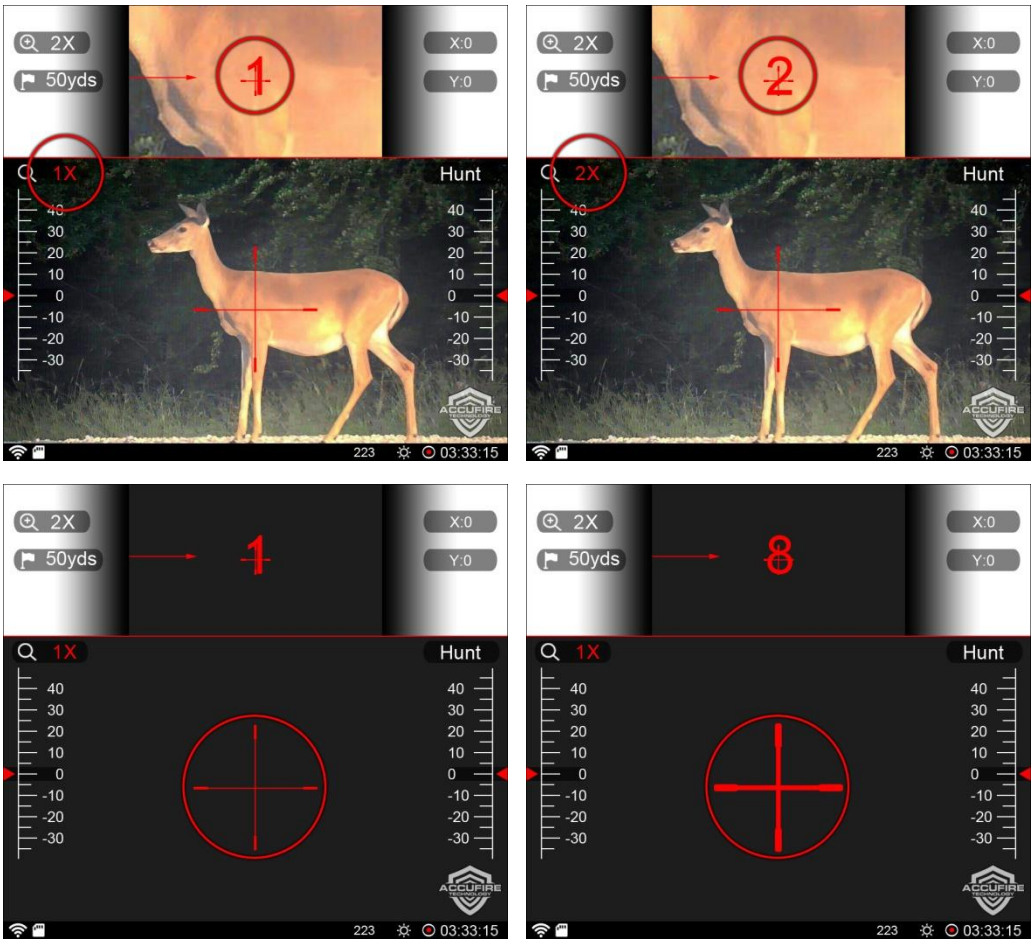
	Day and night mode switch: click the knob to switch day and night vision modes
	Bullet type: click the knob to set bullet type
	System setting: click the knob to set the time, sighting area, wifi and screen brightness

Functions

Primary Magnification

Rotate the knob to select “Primary Magnification”, click to enter the edit mode, rotate the knob to adjust the primary magnification from 1x to 2x to magnify the image, otherwise reduce the image. When the magnification reaches 4 times and above, the sighting crossline will be automatically thickened.



Distance

Rotate the knob to select the distance option, click the knob to set the distance value, and rotate the knob to increase or decrease the distance value.

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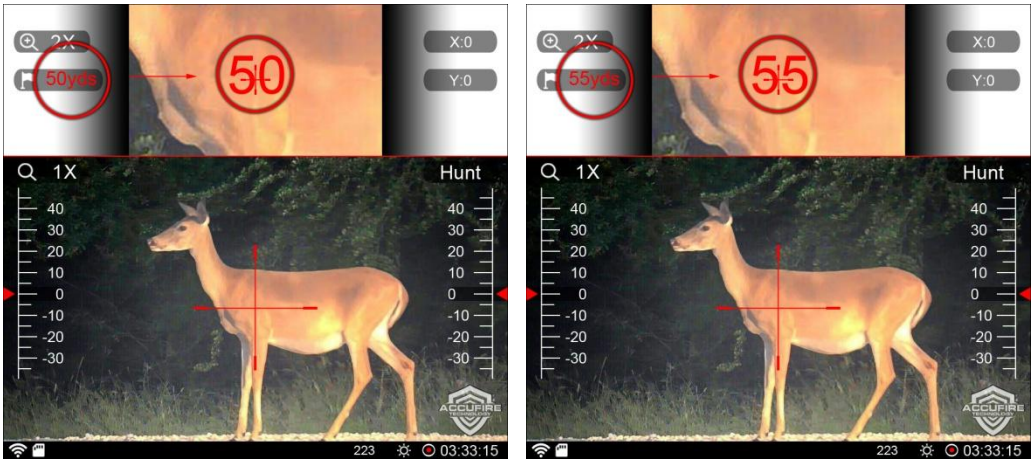
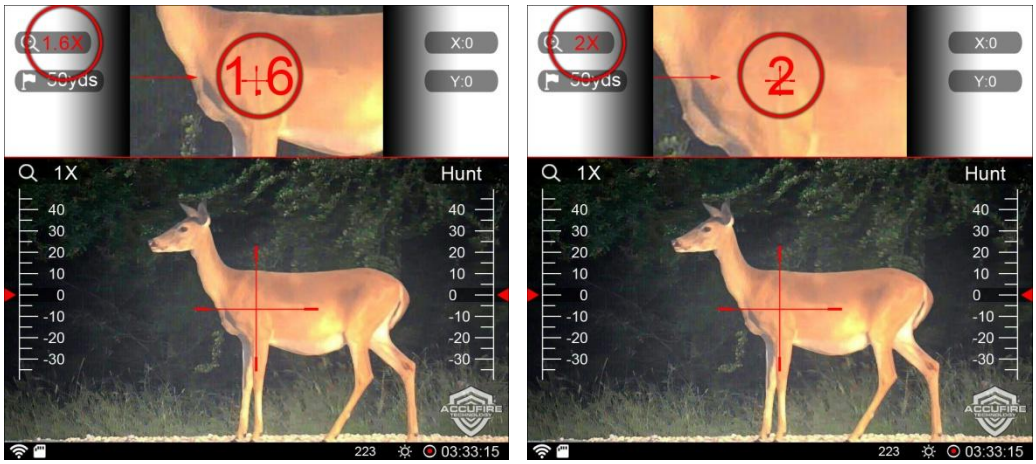


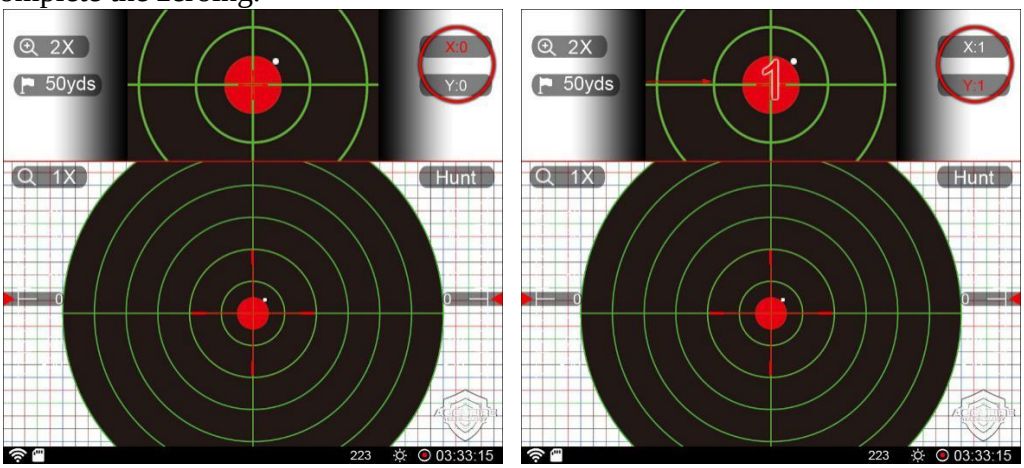
Sighting Area Magnification

Rotate the knob to select the sighting area magnification option, click the knob to set the sighting area magnification, and rotate the knob to increase or decrease the sighting area magnification.



Zeroing

Measure the target distance of the target and input this distance value on the sight. After aiming at the bull's eye with the sight, measure deviation values (Inch) of the impact point from X and Y of the bull's eye, and operate the knob to input the deviation values into the corresponding x and y areas to complete the zeroing.



During zeroing, if the input is wrong or mishandled, you can undo or redo.

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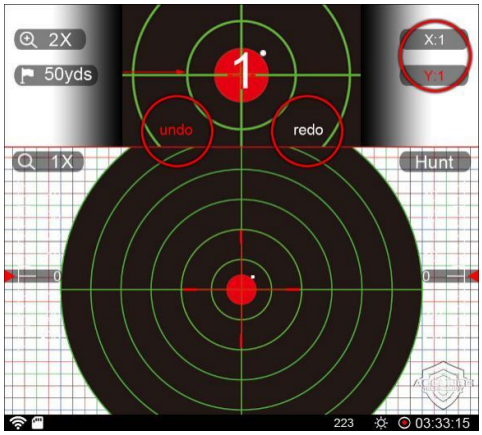
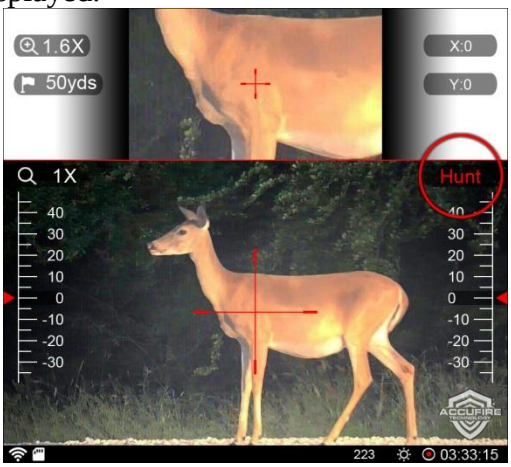
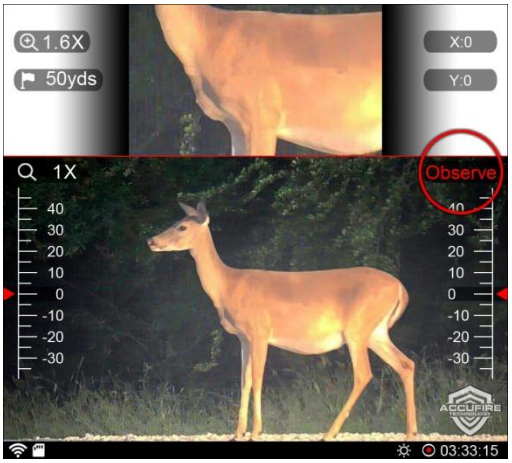


Hunting/Observing Mode

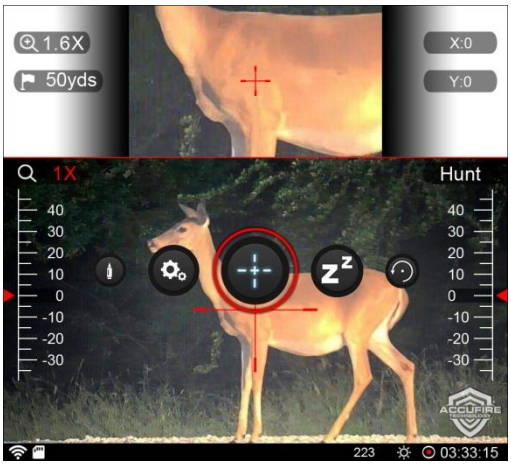
The default is the hunting mode. This option will be selected and the modes will be cyclically switched by clicking the knob. In the observing mode, the cross division line and bullet types will not be displayed.

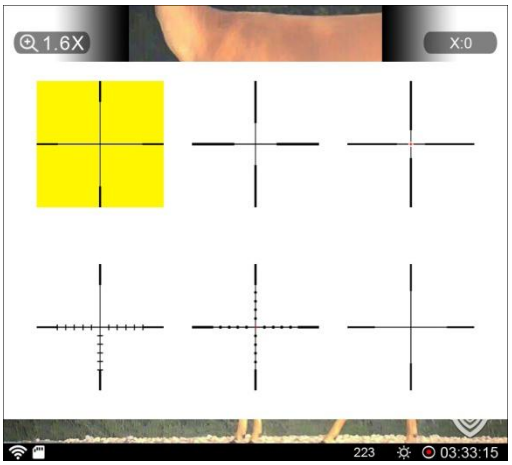




Reticle Style

Enter the home menu item, select the reticle style, click the knob to enter, rotate the knob to select the reticle style, and click the knob to complete the setting.





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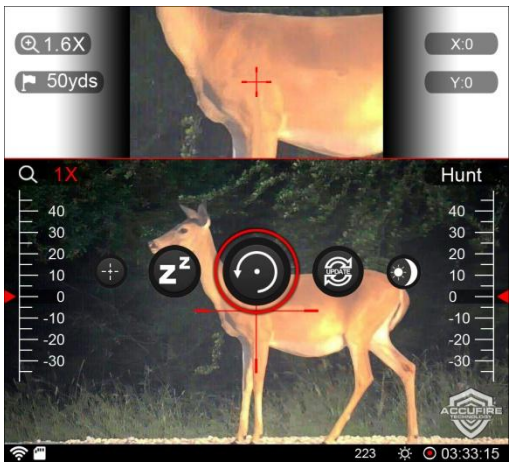
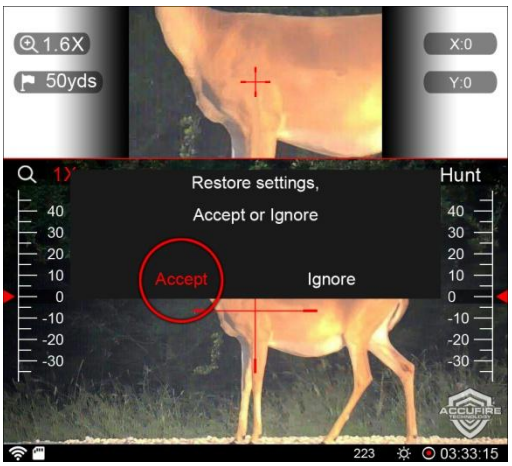
Sleep

Enter the home menu item, select the sleep icon, and click the knob, the sight enters the sleep mode, and in the sleep mode, quits the sleep mode by clicking the power button.

Factory Reset

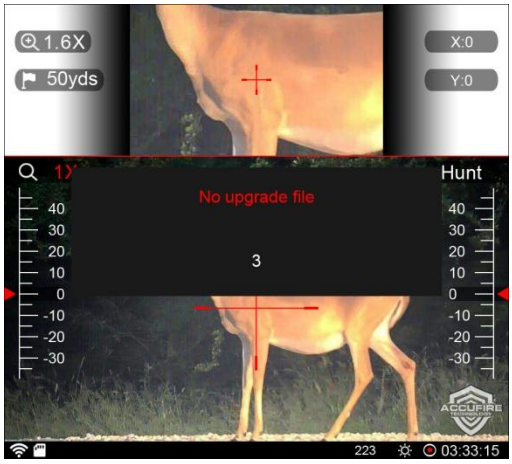
Enter the home menu item, select factory reset, click the knob, pop-up the prompt box, select “accept” to ensure that the sight restores the factory settings, and select “Ignore” to ensure that it quits the current operation.

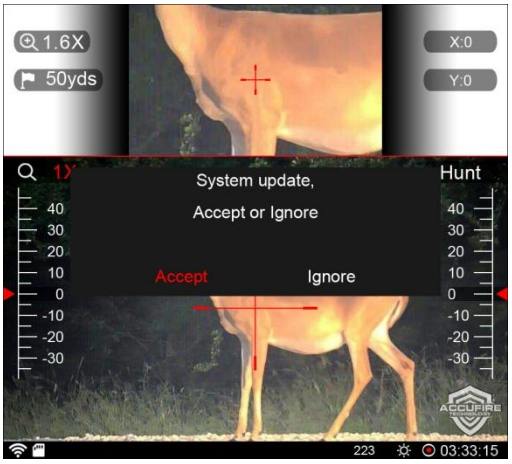




Software Upgrade

Enter the home menu item, select the software upgrade icon, and click the knob; after the upgrade is successful, the sight will restart automatically; and if the SD card is not inserted or the upgrade file is damaged, the sight prompts “the upgrade file does not exist”.





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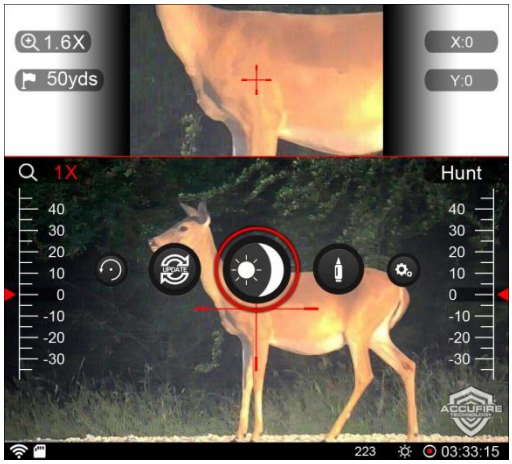
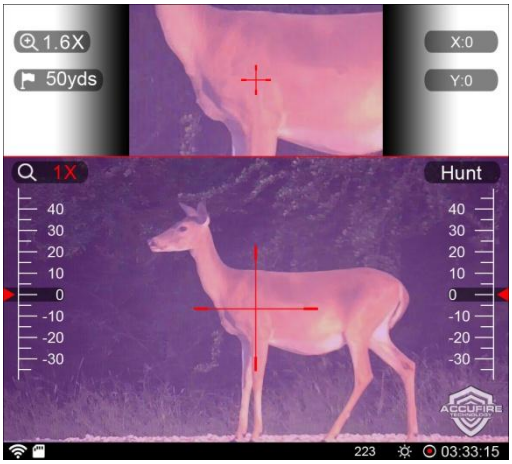
Day and Night Mode Switching

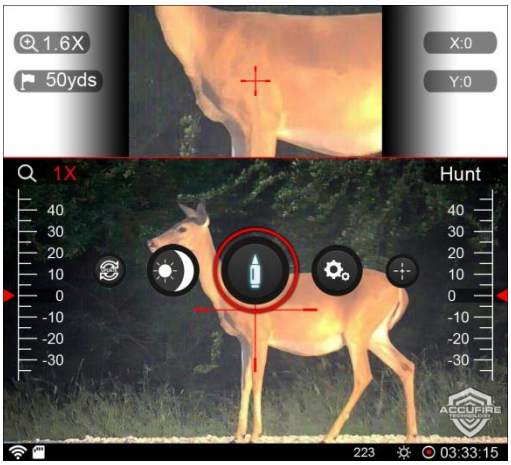
Enter the home menu item, select day and night mode switching, and click the knob to complete the mode switching.

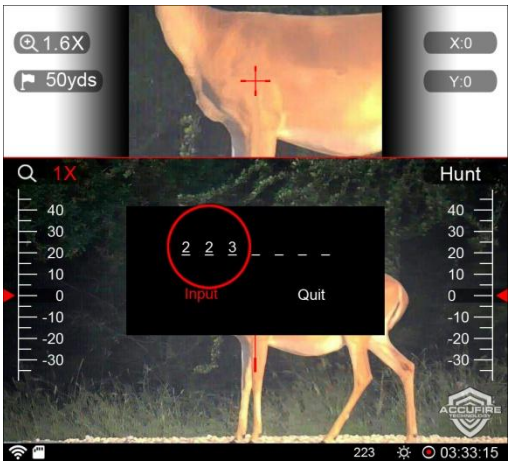




Bullet Type Input

Enter the home menu item, select the bullet type, and click the knob. The bullet type can contain numbers or symbols, the numbers are 0-9, the symbols are"- /. x", four symbols in total, the bullet type can record up to 7-digit symbols. Rotate the knob to select the input position, click the knob, then rotate the knob to select the corresponding symbol, and click the knob again to complete the input of one-digital symbol. After the type input is completed, select “Input” to save the type, and select “Quit” to abandon the input.





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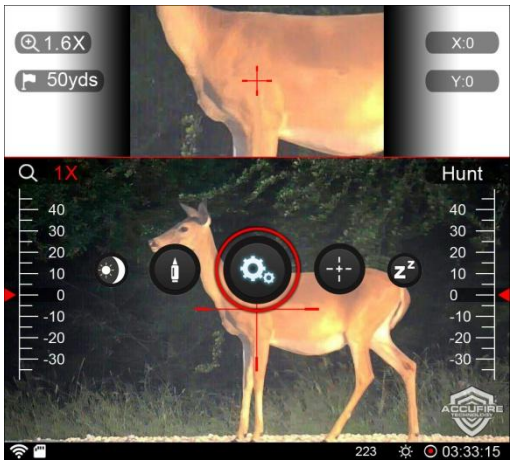
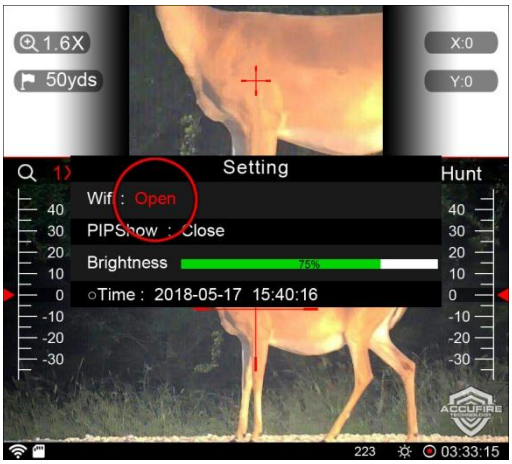
System settings

WiFi Setting

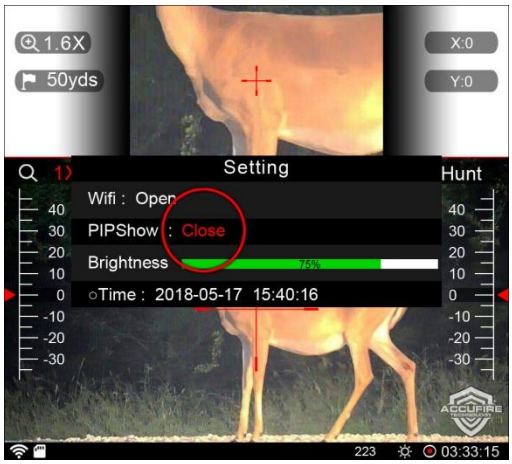
Open the WiFi or close the WiFi.

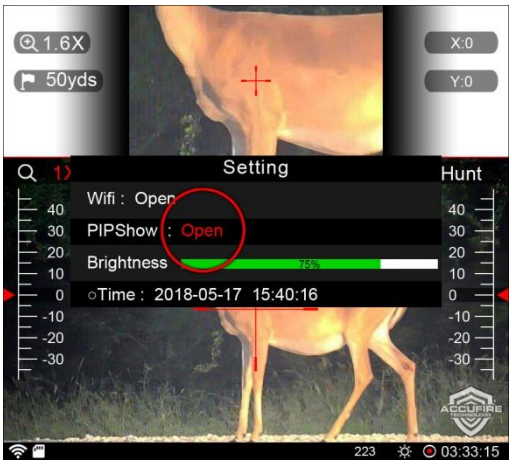




Sighting Window Opening

Set opening or closing of the sighting window.





Screen Brightness Setting

In the system setting option, rotate the knob to select "Brightness", click the knob to enter the adjustment status, and rotate the knob to adjust the screen brightness. Screen brightness levels are 5%, 10%, 15%, 20%, 25%, 50%, 75% and 100%.

Quick Screen Brightness Adjustment

In the home screen, long-press the knob to pop up the home menu interface, and at this time, long-press and

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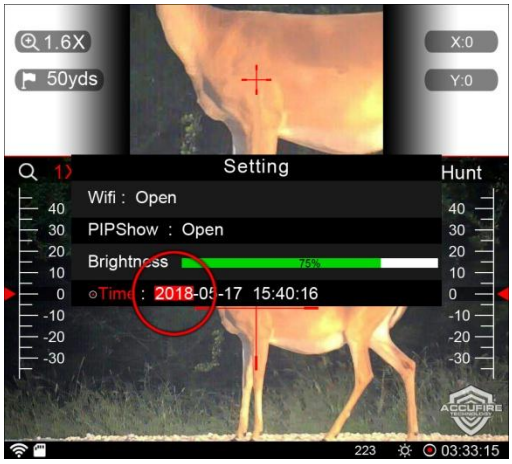
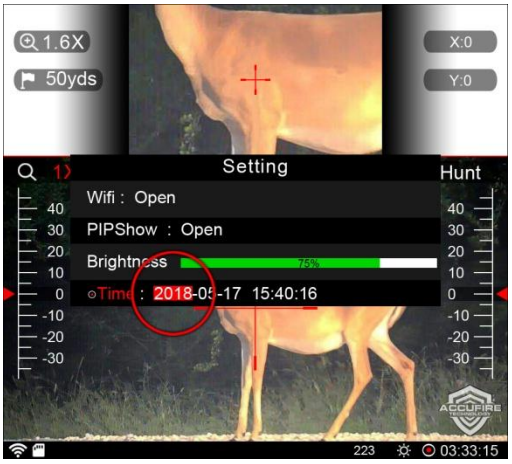
hold the knob for 2 seconds to enter the quick screen brightness adjustment mode, and rotate the knob to adjust the screen brightness. After the screen brightness adjustment is completed, long-press the knob to quit the quick screen brightness adjustment after about 3 seconds.

Time Setting

In the system setting option, rotate the knob to select the “Time” option, click the knob to enter the time setting. Rotate the knob to select the position to set the time, click to enter, rotate the knob to increase or decrease the value, and click again to quit the setting of this time position. As such, set the year, month, day, hour, minute, and second in this order.





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FCC Statement:
This device complies with part 15 of the FCC Rules. Operation is subject to the following
two conditions: (1) This device may not cause harmful interference, and (2) this device
must accept any interference received, including interference that may cause undesired
operation.
This equipment has been tested and found to comply with the limits for a Class B digital
device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the
user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.
Caution: Any changes or modifications not expressly approved by the party responsible
for compliance could void the user's authority to operate the equipment.