ACCUFIRE THERMAL SIGHT INCENDIS PRO

WELCOME

Thank you for choosing Accufire Technology Inc.. We are committed to product quality and friendly customer service.If you have any questions or suggestions,please don't hesitate to contact us.Visit www.accufiretech.com and click contact for our contact information.

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LOCATION

1225 W College Ave #610 Carrollton, TX

SPECIFICATIONS

SKU	
Model	
Microbolometer	
Type	Uncooled
Resolution, pixels	640x480
Pixel size, μm	12
Frame rate, Hz	50(PAL)
Optical characteristics	
Magnification	1x-2x-4x-6x
Smooth Scaling	Yes
Horizontal field of view, degree	12.5
Field of view, m at 100 m	9.4
Exit pupil diameter,mm	18
Eye relief, mm	20
Close-up range, m	2
Display	
Type	OLED
Resolution, pixel	1600x1200
Operational characteristics	
Power supply, V	4.5-9.0
External power supply	5V(USB)
Degree of protection (attachment / monocular), IP code (IEC60529)	IP67
Operating temperature	-20℃~+50℃/-4℉~+131℉
Dimensions,mm/inch	198 x 64 x 78.8 MM
Weight(without batteries), kg/oz	758g / 26.7oz

Not supported when replacing eyepiece / monocular during rain

PACKAGE CONTENTS
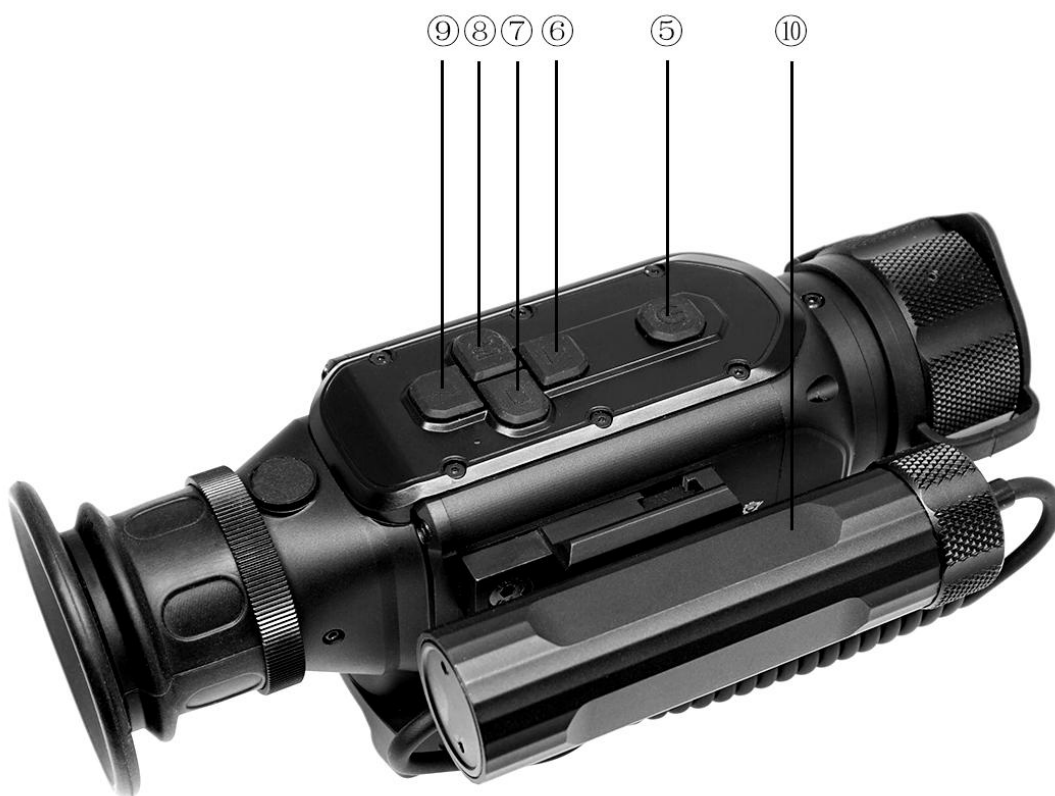- Incendis PRO
- Eyepiece attachment

- Neoprene bag

- Certificate of inspection

- Lens cloth

- Warranty card

- Charging data cable

FEATURES

- 640x480 pixel sensor size

- The device is mountable on any standard picatinny rail

- Observation range greater than 1000 yards

- Micro chromatic OLED display (1600x1200 pixels)

- Can be used as a stand-alone thermal optic with independent reticle

- Any external battery can be used with the USB-C external power source

- You can view the stored files (videos and pictures) in the machine memory after connecting to the computer through TYPE-C.

- Three scene modes, image enhancementhigh, hight brightness and standard brightness

- 8 pseudo-color modes, including white hot, black hot, red hot, green hot,IronRed,Fire,YellowHot,and Lava

- Sustainable operation at temperatures from -4 °F to +122 °F

- Compact size

- Lightweight

EXTERNAL VIEW AND CONTROLS

① Lens

② Focusing Ring

③ USB-C Interface

④ Eyepiece

⑤ Power Button

⑥ UP Button

⑦ REC Button

⑧ MENU Button

⑨ DOWN Button

⑩ Power Bank

④ ③   ② ①

⑨⑧⑦⑥   ⑤   ⑩

Buttons	First long press	Next long press	Short press	Menu operation	
				Short press	Long press
"Power"	Turn on the Incendis PRO	Turn off the Incendis PRO	Refresh shutter	---	---
		Display off	Display on	----	----
"UP"	Switch the reticle type (Scope mode works)		Switch magnification	Switch menu option	---
"DOWN"	Turn Power the reticle (Scope mode works)		Switch the pseudo-color mode	Switch menu option	---
"MENU"	Functional menu display	Functional menu close	Switch the scene mode	Functional setting and parameter storage	Back to the top/ Functional menu close
"REC"	Start recording video	End recording video	Take a picture	---	---

MENU / STATUS BAR ICONS:

Notes: When the Incendis PRO is simultaneously used with a traditional riflescope, select the cursor position adjustment to adjust the cursor's central position and make it consistent with the reticle of your traditional riflescope; when the Incendis PRO is used as a stand-alone optic, turn on the reticle; the screen displays the reticle, select the reticle adjustment, and adjust the reticle using the X & Y adjustments.

GUIDELINES FOR OPERATION

To maintain stable operation of the product, please observe the following rules:

- Before use, ensure that the device is installed and adjusted;

- When it is not use, Shut down the machine and unplug the TYPE-C plug;

- When cleaning the non-optical surface of the Incendis PRO, do not wipe it with chemical solvents. It is better to wipe the shell by using clean, soft, and dried cloth.

- Any attempt to dismantle or maintain the Incendis PRO will void the warranty.

EXTERNAL POWER SUPPLY

Open the USB-C rubber plug , insert the USB cable into the USB-C interface, and insert any 5V USB mobile power to another USB interface of the USB cable to supply power.

OPERATION

Start and setup

- Leave the rubber lens cover on, press "Power" button until the Accufire logo appears on the screen.

- Remove the lens cover, rotate the optical focusing ring until the image is clear.

Adjust magnification

Short press "UP" button to switch the device magnification between 1x, 2x, 4x, and 6x in order.

Switch the pseudo-color mode

Briefly press the "Down" button to switch between 8 pseudo-color modes in sequence.

Switch the scene mode

Short press "MENU" button to switch the scene mode between image enhancement, high brightness and standard brightness.

MENU

Long press "MENU" button to make the device enter into the first-level menu mode; in the first-level menu mode, long press the button "MENU" to exit the menu mode and return to the main screen; in the first-level menu mode, short press the button "UP" or the

button "DOWN" to conduct the functional selection.

Screen brightness

Image Quality => Screen Brightness: Adjust the screen display brightness, adjustable range from 0 to 100.

The compensation mode

Shutter compensation

control shutter closure to collect shutter data for non-uniform correction; Automatic compensation will be made when the device is powered on and started, and automatic compensation will be closed after starting. If shutter compensation is needed, you need to manually press the Power button.

View video/Photo files

Connect the Incendis PRO to your computer with a type-c data cable and open the video/photo folder to view.

Hotpoint track

Image Quality => Hotspot Tracking: Turn it on, and the Red Cross on the screen automatically tracks the hottest spots in the image.

System sleep:

Enter the sleep mode manually: Press the Power button and release the button during shutdown to close the screen display and enter the sleep mode to reduce power consumption.

Sleep timer: System => Timed Sleep: Support 20,30, and 60 minutes without button operation, close the screen display, enter the sleep mode. This function is disabled by default.

power off

Long press the Power button to complete the shutdown when the circular countdown

ends.

Factory reset

Restore the parameters to the default settings, and all files on the memory card remain. If you need to empty the SD content, please use the SD card formatting function. Restore the default password for wifi to eight "0s", etc.

Image Contrast

Image contrast adjustment range is 0~100; The default is 100.

Image brightness

Image brightness adjustment range is 0~100; The default is 60.
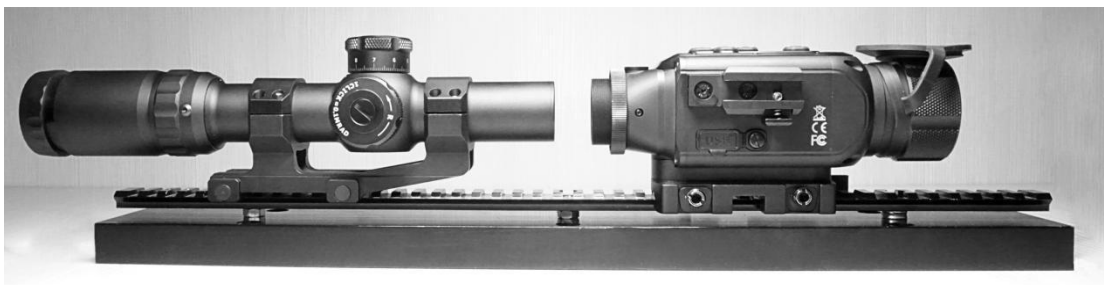
Reticle On/Off

Reticle/Sight-In => On/Off :Turn on/off the reticle; This function is only supported in Scope mode, it's does not support reticle operation in Clip-On mode.

Reticle adjustment

Reticle/Sight-In => Sight-In/Collimation : Reticle position adjustment:In Clip-On mode, you adjust the position of the picture on the screen; In Scope mode, the position of reticle was adjusted.

USING THERMAL IMAGING FINDER WITH OTHER OPTICAL DEVICES

The Incendis PRO not only used as a stand-alone optic, but also can be used in tandem with other optical devices , such as the traditional riflescope.

MAINTENANCE AND STORAGE

- The protection grade of the device is IP67.

- Please keep the device in a dry and well-ventilated place. To lengthen the service life, please disconnect the power cable after each use.

- The battery should not be exposed to direct sun or heat.

- If the front lens is dirty, use the cloth provided to remove dust on the lens surface. Do not blow the lens surface by mouth to prevent saliva particles from smudging the lens surface.

- If the cloth does not thoroughly remove the dust, please prepare absolute ether and absolute ethyl alcohol(ethyl alcohol), mix it at the ratio of 1:1, use the degreasing cotton(medical cotton ball) with the mixture, start from the lens center to the outside of the lens in circular motion, and lightly wipe the lens surface.

- Do not use an old cloth or reused alcohol mixture cotton as a cleaning tool.

- Do not use the glasses cloth, handkerchief, lens tissue or ordinary tissue for wiping.

FCC Warning

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.

The device has been evaluated and meets general RF exposure requirements. This device can be used under portable exposure conditions, with a minimum distance of 15mm from the human body.

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