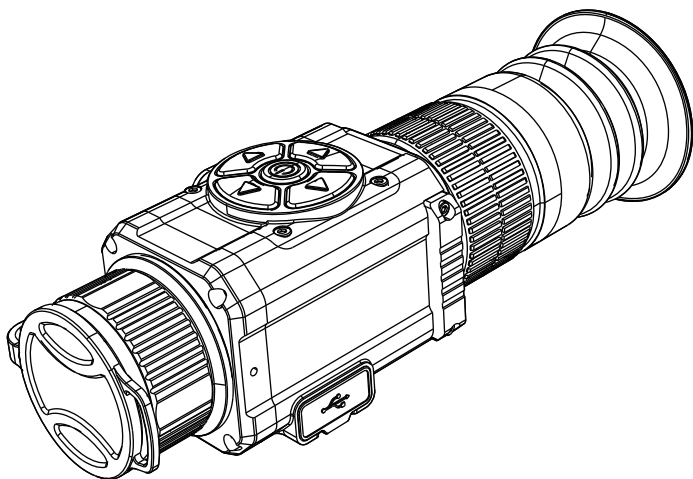


CONOTECH

TALON



Attention!

Export of **Talon** models
May have export limitations depending on
the laws in your region.

RoHS  

Attention!



The proper usage of the device is important for safe exploitation!
Therefore, reading carefully the present manual!



If the device was left in storage for a longer period of time, before exploitation check its functionality.



Disassembling of the device is prohibited, except in authorized repairing centers.



The external optical surfaces should be clean at all times.
Touching the optical surfaces with bare hands is not recommended.



Sand and sea water can damage the optical coatings!



Do not point the device directly at the sun!



Image performance is dependent on scenery and atmosphere conditions.
Contrast in the same image may vary as a function of the time of day due to the effect of the sun. For example, at sunset objects will have absorbed different levels of heat resulting in greater temperature differences and better contrast.



When left in storage for a longer period of time, batteries have to be removed and stored in polyethylene bags to prevent contact with metal.
(It is recommended to recharge the batteries every two to three months)



When carrying or transporting the device, put the protective lens cap!



Condensation can cause fogging of the optical surfaces!
Condensation occurs when the temperature or humidity changes as follows:
· When moving the device from cold to warm place or vice versa
· In places with high humidity
When equalizing the temperature of the device with the environmental, the condensation disappears. Use the towel to remove moisture.

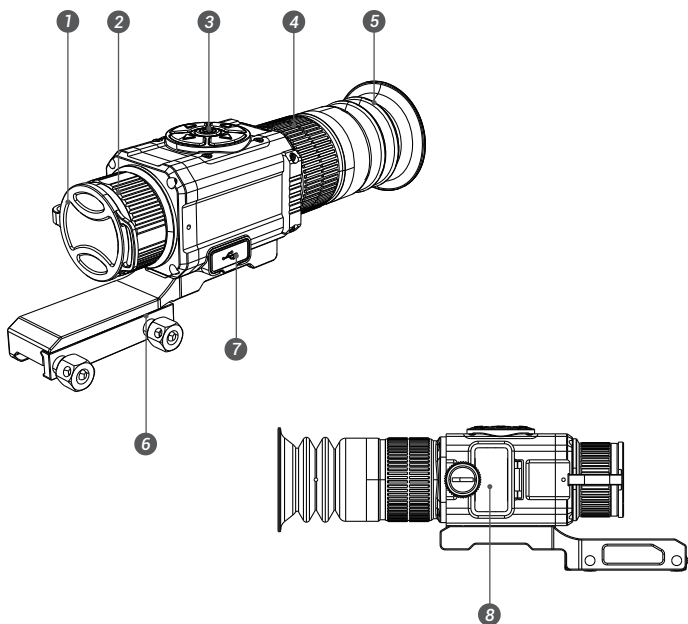


Clean the lens surfaces with the lens cloth or with the napkin!



LEGAL NOTICE

Before attaching to weapons, check the regional legal regulations in the area of application.
The attachment to a weapon is always the sole responsibility of the user.



NOTE

All images used in this instruction manual are for illustrative purpose only. Actual product may vary due to product enhancement. (V.1.0)

1 Lens cover

2 Focus ring

3 Buttons

4 Eyepiece

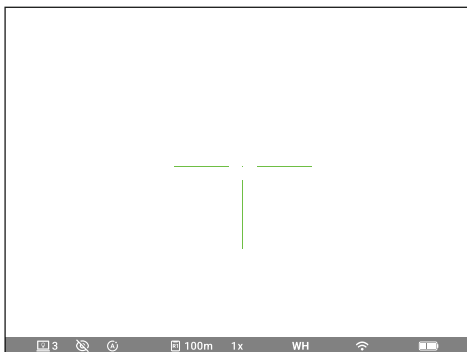
5 Eyepiece rubber

6 Picatinny rail

7 USB

8 Battery compartment

Status Display



The status bar is on the bottom of the display and shows information on the actual operating status of the Talon.

- Brightness
- Extreme Mode
- Calibration Mode
- Rifle Profile
- Zeroing Distance
- Magnification
- Palettes
- WIFI Status
- Battery Capacity

Short Press

Long Press

Palettes

Main menu

Confirm

Power on/off

Screen Brightness

Calibration

Photo

Video

Magnification

Wifi on/off

ONLY with WIFI turned on, you can take photos and record videos.

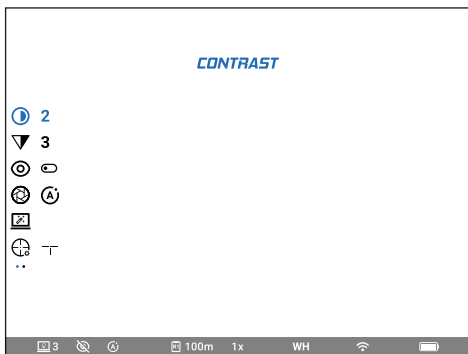
APP Download



CONOTECH





Long press  to enter/exit the menu.



Contrast

Press   to change the contrast value from 1-5.




Sharpness

Press   to change the sharpness value from 1-5.

Extreme Mode


Press   to turn on/off the extreme mode.

Calibration Mode

Press   to select the mode and press  to confirm.

 **Automatic**

 **Manual**

 **Silent** (Please close lens cap when calibrating)

Defective Repair

Cover the objective lens and press  to perform defective pixel repair.





Reticle Type

Press   to select the reticle type.



Profile

Press   to select R1,R2, or R3.






Zeroing

Select a distance by pressing the  , then press  to confirm.

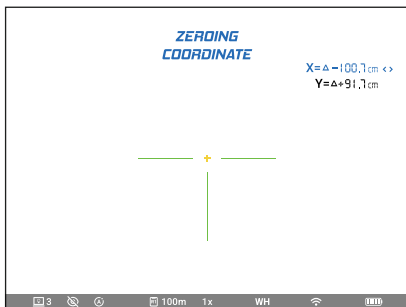
Take a shot, make the cross center of the reticle at point of impact.

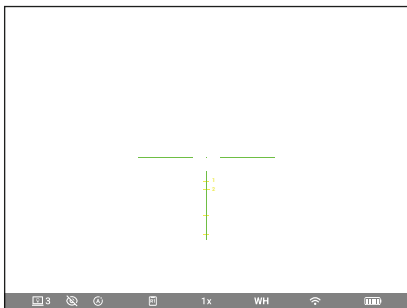


Windage/Elevation

Then press  to enter the X,Y value. Press   to adjust the X,Y value.

When you adjust the X and Y values, the screen will freeze automatically.








When zeroing is finished, the hundred digits of the distance you set will be displayed on the reticle.

Save and exit

Long press the  to save and exit, other operations will lost the current zeroing settings.



Unit

Press   to select m or yard and press  to confirm.



Language

Press   to select the language and press  to confirm.






Device Info

It indicates the model name, S/N, software version and hardware version.



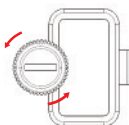
Reset

Press   to select No or Yes and press  to confirm.

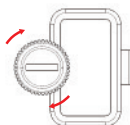
Removable battery

Turn the battery compartment knob counterclockwise until stop.
Please install the battery based on the positive and negative signs.
Replace the battery and close the compartment knob.

Open



Close

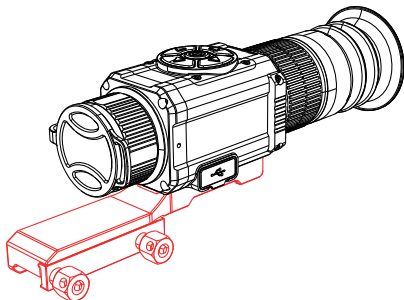


External power supply

External power can be supplied from an external source, such as a power bank.

Attach to rifle

To ensure accurate shooting Talon should be properly mounted on the rifle. When mounting Talon, adjust the position of the scope on the rifle to achieve optimal, comfortable eye relief. Failure to comply with this recommendation may result in injury to the shooter.



Storage and Transportation

- Before storing it, clean obligatory the device.
(In case of moisture, dust or traces of dirt on its surface)
- Make sure that there are no traces of moisture, and the battery compartment is empty!
- It is also possible for a short period of time device to be stored in a suitable soft pack, bag or cartridge box.
- The premises in which the device is kept for long term have to be dry, enclosed, unheated and ventilated.
- During the storage should not be allowed exposure to aggressive environments, temperatures below -50°C and above $+60^{\circ}\text{C}$, relative humidity greater than 80%, and prolonged periods of direct sunlight.
- Before each transportation, the product should be neatly packed in its original packaging (transport bag) and all other items and accessories should be carefully and steadily placed in the bag.
- You can ship the product with all types of transport at different distances and at altitude up to 12000m.

Talon Specification	
Model	Talon R25
Detector	
Type	Uncooled VOX
Resolution	384x288
Frame rate	50Hz
Pixel	12 μ m
Spectral range	8-14 μ m
NETD	<30mK
Optical Characteristics	
Objective lens	25mm
Optical magnification	1.9x
FOV(HxV), m @100m	18.5x13.8
Close-up range	2m
Dioptr adjustment	\pm 5D
Functions	
Zoom	1x/2x/4x
Palettes	4
Display	
Type	OLED
Resolution	1024x768
External video	WIFI
Storage	32G
Power Supply	
Battery	2xCR123
Operating time (at t=22°C), h	4h
Physical Characteristics	
Weight without battery	440g
Dimension	55x57x150mm
Environmental Compatibility	
Ingress protection rating	IP67
Operating temperature	-20°C ~ +50°C
Storage temperature	-40°C ~ +70°C



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