

**GENERAL  
STARLIGHT  
COMPANY**

*always a step ahead. since 1992*



**Optical-Electronic Observation Devices**



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Commercial

Thermal Imaging

Weapon Sights

**WOLFHOUND**

*User's manual*

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Dear Customer,

Thank you for choosing the WOLFHOUND - the most advanced thermal weapon sights available for commercial market today. Rest assured that its unique features, quality and reliability will endue you with undisputable advantages wherever and whenever you go.

Just take a few minutes of your time to go through this manual and familiarize yourself with all functions of this device.

Enjoy!

*Yours sincerely,  
— GSCI Team*

**ATTENTION!**

DO NOT POINT THE DEVICE TO ANY BRIGHT, INTENCE LIGHT SOURCE SUCH AS SUN OR LASER! IN SOME CASES LIGHT OVERLOAD MAY CAUSE IRREVERSIBLE REDUCTION OF FPA RESPONSIVITY OR PERMANENT DAMAGE. USE THE DEVICE WITH CARE, IT IS VERY SOPHISTICATED OPTICAL-ELECTRONIC EQUIPMENT. USAGE OF INCORRECT BATTERIES OR EXTERNAL POWER SUPPLY CAN SERIOUSLY DAMAGE THE DEVICE! DUE TO HIGH SENSITIVITY OF FPA. IT MAY REACT TO MUZZLE FLASH BY TURNING OFF THE SENSOR FOR SHORT MOMENTS AFTER SHOTS ARE MADE.

**NOTE**

Manufacturers of thermal sensors and displays allow certain cosmetic imperfections of video image such as black or white dots, spots or lines of small sizes. These do not affect reliability of the device and certain amount of imperfections are inherent to the manufacturing processes and may appear during usage of the device.

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## Main Features

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- Multi-Use System Design
- High Performance FPA
- High Refresh Rate
- Shutterless and Silent
- Weapon Mountable
- Electronically Adjustable Reticle **ER™**
- Selectable Reticle Patterns
- Quick Swap Battery Packs
- Ultra-Low Power Consumption
- Automatic and Manual Gain Control
- Manual Brightness Control

# Specifications

PARAMETER / MODEL	WOLFHOUND-38	WOLFHOUND-64
<b>FPA Material</b>	a-Si, uncooled	
<b>FPA Format</b>	384x288, 17µm	640x480, 17µm
<b>Spectral Response</b>	8-14 µm	
<b>Shutterless FPA</b>	Yes, Silent	
<b>Refresh Rate</b>	50Hz	
<b>Sensitivity</b>	<50mK @ f/1.0	
<b>NUC *</b>	NUC-Less Technology	
<b>Zoom Control</b>	Digital: 2X, 4X	
<b>Objective Lens</b>	50mm, f/1.0	
<b>Field Of View (Horiz, Vert.)</b>	7.5°x5.6°	12.4°x9.3°
<b>Optical Magnification</b>	3X	2X
<b>Max. Total Magnification</b>	12X	8X
<b>Diopter Adjustment</b>	-4 .. +6	
<b>Built-In Reticle</b>	8+8 Patterns	
<b>Imaging Modes</b>	Black-and-White + 8 Colour Modes	
<b>Detection Range (man)</b>	1.6 km	
<b>Display Type</b>	800x600 OLED	
<b>Display Brightness</b>	Digital Control	
<b>FPA Gain</b>	Automatic/Manual	
<b>Reticle Adjustment</b>	Internal, Digital	
<b>Video-Out</b>	Yes	
<b>Stadiametric Rangefinder</b>	Yes	
<b>Remote Control</b>	Optional	
<b>Power Supply</b>	4 AA Batteries of any kind	
<b>Maximum Battery Life</b>	11 Hours	10 Hours
<b>Weight</b>	700 grams	
<b>Manufacturer's Warranty **</b>	7 Years, Limited	

\* NUC - Non-Uniformity Correction

\*\* For full details on Manufacturer's Warranty please refer to the corresponding section of this manual

# Specifications

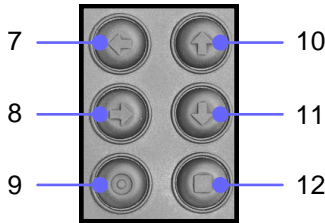
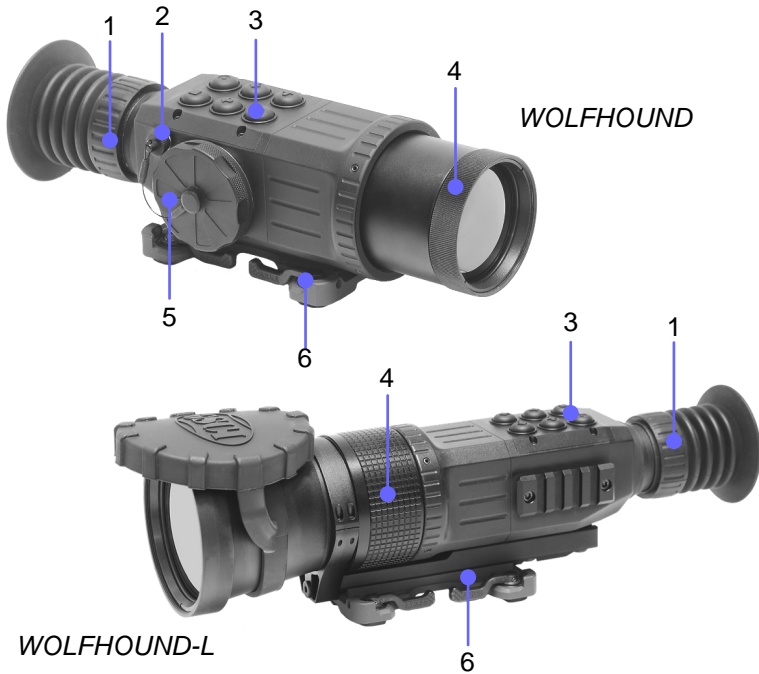
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PARAMETER / MODEL	WOLFHOUND-38-L6	WOLFHOUND-64-L4
<b>FPA Material</b>	a-Si, uncooled	
<b>FPA Format</b>	384x288, 17µm	640x480, 17µm
<b>Spectral Response</b>	8-14 µm	
<b>Shutterless FPA</b>	Yes, Silent	
<b>Refresh Rate</b>	50Hz	
<b>Sensitivity</b>	<50mK @ f/1.0	
<b>NUC *</b>	NUC-Less Technology	
<b>Zoom Control</b>	Digital: 2X, 4X	
<b>Objective Lens</b>	100mm, f/1.4	
<b>Field Of View (Horiz, Vert.)</b>	3.7°x2.8°	6.2°x4.7°
<b>Optical Magnification</b>	6X	4X
<b>Max. Total Magnification</b>	24X	16X
<b>Dioptr Adjustment</b>	-4 .. +6	
<b>Built-In Reticle</b>	8+8 Patterns	
<b>Imaging Modes</b>	Black-and-White + 8 Colour Modes	
<b>Detection Range (man)</b>	3.3km	
<b>Display Type</b>	800x600 OLED	
<b>Display Brightness</b>	Digital Control	
<b>FPA Gain</b>	Automatic/Manual	
<b>Reticle Adjustment</b>	Internal, Digital	
<b>Video-Out</b>	Yes	
<b>Stadiametric Rangefinder</b>	Yes	
<b>Remote Control</b>	Optional	
<b>Power Supply</b>	4 AA Batteries of any kind	
<b>Maximum Battery Life</b>	11 Hours	10 Hours
<b>Weight</b>	1200 grams	
<b>Manufacturer's Warranty**</b>	7 Years, Limited	

\*\*\*Highlighted in yellow are the differences in characteristics between WOLFHOUND and WOLFHOUND-L Series

<b>ACCESSORY</b>	<b>DESCRIPTION / FUNCTION</b>
Flip-Up Lens Cover	Protects objective lens of the device when it is not in use
De-mist Shield	Helps protect the eyepiece against fogginess in high-moisture/ humidity conditions. To install, remove rubber eyecup and screw the de-mist shield into the external thread of the eyepiece.
Long Eyerelief Rubber Eyecup	Provides comfortable scene observation through device's eyepiece
Video-Out Cable	Connects your WOLFHOUD sight to an external display or Video Recorder
Side Rail	Weaver Rail mounted on the side of the scope is designed for attaching additional compatible accessories
MAK Mount	More rugged, sturdy weapon mount with interface bracket
USB Power Cable	Powers the WOLFHOUD scope from every 5V USB cellphone power bank
Remote Control	Controls the unit and delivers video signal to an external display or DVR

# Primary Controls

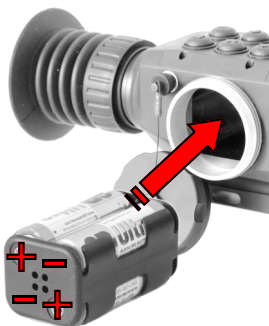


- 1. Eyepiece with rubber eyecup and Diopter Ring
- 2. Universal connector: Video-Out and external power port
- 3. Keypad
- 4. Front Objective Lens with Focusing Ring
- 5. Battery compartment with battery cap
- 6. Low-Profile Weapon Mount
- 7. Digital zoom button (ZOOM) / LEFT
- 8. Image polarity switch button (WH/BH) / RIGHT
- 9. Power button (ON/OFF)
- 10. UP button
- 11. DOWN button
- 12. MODE button

## Basic Operating Instructions

Your WOLFHOUND scope accepts a variety of standard AA type batteries: alkaline, Ni-MH rechargeable, and/or Lithium type (max. 1.5 V each)

First install 4 (four) **identical** AA batteries into the battery pack observing polarity “+” and “-” as per markings shown on the inner part of each battery compartment of the battery pack.



Then insert the battery pack into the battery compartment of the scope.

To start up the device, press and hold the **ON/OFF** button until the display lights up.



Upon the startup the GSCI logo will be shown (if enabled). After the logo disappears, the selected reticle will be shown along with the following indication at the bottom of the display:



The indications' meanings are as follows:

Left Arrow- Zoom; Right Arrow - Polarity

Vertical Arrows - Gain Controls

By turning the **Diopter Ring** adjust the eyepiece for sharpest view according to your eyesight. Flip open the Objective Lens' cover.



By turning the **Focusing Ring** adjust focus while looking at an object with the device.



WOLFHOUND



WOLFHOUND-L



# Basic Operating Instructions

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Display Icons:

1. FPA resolution
2. FPA gain (sensitivity) setting (*shown: auto gain*)
3. Electronic zoom factor (*shown: x1*)
4. Polarity setting (*shown: white hot*)
5. Battery indicator (*when it flashes, replace batteries or the whole battery pack*).

**USEFUL TIP. WOLFHOUND SCOPE IS EQUIPPED WITH SHUTTERLESS FPA. THE BEST PERFORMANCE IS USUALLY ACHIEVED WITHIN 1-2 MINUTES AFTER STARTUP.**

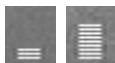
The device starts in **FPA Gain Mode (GN)**. To adjust FPA Gain (sensitivity) level, use buttons **UP** and **DOWN** to increase or decrease it. **Simultaneously** pressing both buttons, resets FPA gain to automatic level.



Auto Gain:



Manual Gain:



**Digital Zoom (Z)** feature is controlled by pressing the **ZOOM** button which is indicated by the symbols:

x1

x2

x4



**Thermal image polarity (P).** **White Hot** and **Black Hot** modes is controlled by **WH/BH** button and indicated by the symbols "**WH**" and "**BH**" respectively.



**Display Brightness (BR)** is controlled in the following way: press and hold the **MODE** button until the following indication appears at the bottom of display:



↔ZP

BR↑↓

Once in Brightness mode, use **UP** button to increase or **DOWN** to decrease display brightness.



In order to reset brightness to default level, **simultaneously** press **UP** and **DOWN** buttons.



To switch between FPA Gain / Brightness modes briefly press **MODE** button and the corresponding indication will be shown at the bottom of the display.



*\*The messages indicating Gain or Brightness Adjustment Modes disappear in a couple of seconds.*

**NOTE:** Last used brightness is memorized three seconds after setting. If the device is turned off in less than three seconds, last brightness set will not be memorized. When switched ON, device restores last memorized brightness.

To turn the device off, press and hold ON/OFF button until the display turns off.



**Operation modes.** The device has three modes\*: observation, rangefinder, and electronic reticle mode. To switch between the modes, press **ZOOM** and **POLARITY (White Hot / Black Hot)** buttons together.

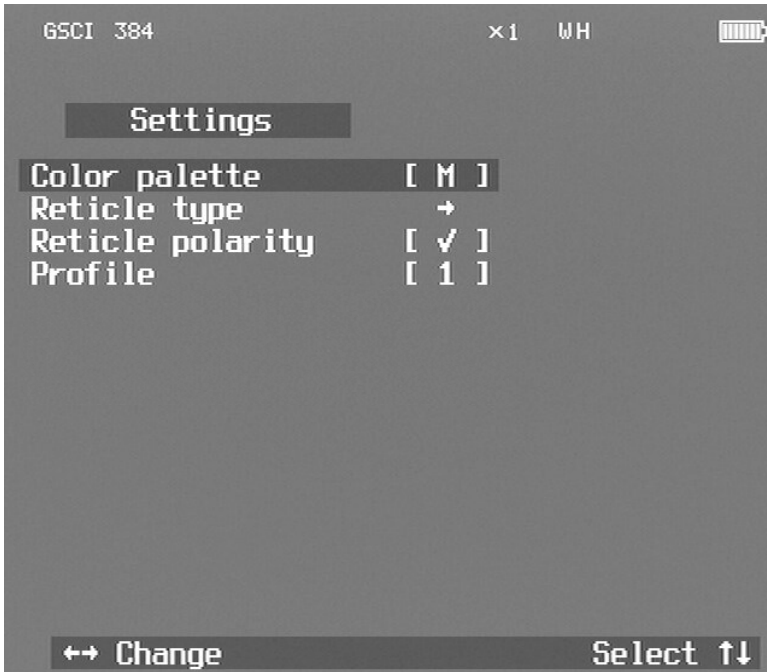


\*Please refer to corresponding sections of the present manual.

Please note that the device starts with the last memorized electronic reticle state.

## Settings

The Settings menu can be invoked by long press of MODE button. Scrolling through the parameters is done by **UP** and **DOWN** arrow buttons. Changes are done by **LEFT** and **RIGHT** arrow buttons.



Additional Settings can be accessed in “Settings +” Menu, enabled by simultaneous pressing LEFT and UP arrow buttons.



“Settings +” entries are available for 30 seconds after exiting the menu.

Switching to “Settings +” also enables reticle calibration and SRF calibration modes which can be accessed by corresponding shortcuts described further in the manual.

Settings +	
Color palette	[ M ]
Reticle type	→
Reticle polarity	[ ✓ ]
Profile	[ 1 ]
Battery type	[ ALK ]
Auto power down	[ 30 ]
Logo	[ ✓ ]

## DESCRIPTION OF SETTINGS

**COLOR PALETTE.** Cycles through the available pseudo colour palettes (one monochrome - "M" and 8 colour).

**RETICLE TYPE.** Refer to page 14.

**RETICLE POLARITY.** If checked, the reticle will appear black on White Hot setting, and white on Black Hot setting.

If unchecked, reticle will appear white on White Hot setting and black on Black Hot setting.



**PROFILE.** The device provides 8 selectable profiles for memorizing different setups such as reticle type, reticle polarity, reticle zeroing and lens focal length.

**BATTERY TYPE.** Switches the battery type profile for accurate battery indicator reading.

Available profiles: Alkaline (ALK), Lithium (LIT), Nickel-Metal-Hydride (NMH), External Pack (EXT).

**AUTO POWER DOWN.** Enables the device to save batteries in case if unintentionally left on. The device automatically turns itself off if there has not been keypad activity for the selected number of minutes. If blank, the device will not turn off automatically.

**LOGO.** Enables or disables displaying of GSCI logo at the startup.

## Electronic Reticle

**RETICLE TYPE SELECTION** can be invoked in two ways:

1. from the settings menu
2. using the shortcut: **RIGHT** and **DOWN** arrow buttons simultaneously pressed while reticle is shown.

Once the mode is engaged, the following indication appears at the bottom of the display:

[↔↕ZP]Inv                      Reticle Select↑↓

Reticle type can be selected by **UP** and **DOWN** arrow buttons. Reticle polarity can be switched by simultaneously pressing **LEFT** and **RIGHT** arrow buttons.

**RETICLE ZEROING** can be invoked by simultaneously pressing **LEFT** and **UP** arrow buttons when reticle is shown.

Zeroing [↔↕↑↓]      Wind 0                      Elev 0

In this mode the arrow buttons are used to match reticle's position with the impact point. Pressing **MODE** button exits reticle zeroing mode.

Zoom factor is cycled through by simultaneously pressing **LEFT** and **RIGHT** arrow buttons.

\* For better accuracy reticle zeroing should be performed at zoom X4.

**RETICLE CALIBRATION** can be accessed from reticle zeroing mode by simultaneously pressing **LEFT** and **UP** arrow buttons and is only available when "Settings +" is active.

Calibr. [↔↕↑↓]      Wind 0                      Elev 0

Reticle calibration must be performed for each of the zoom factors individually. The purpose of reticle calibration is to ensure the reticle points at the same spot regardless of the selected zoom factor. NOTE: the device comes pre-calibrated, reticle calibration done by end user is seldomly needed.

## Stadiametric Rangefinder (SRF) 15

Stadiametric rangefinder (SRF) enables an operator to estimate a distance to an object based on object's size.

Once selected, horizontal and vertical SRF rulers appear along with SRF indication:



**↔ZP**      **Size 0,9 M**    **[Dist 110 M]**

*\* In SRF mode ZOOM and WH/BH buttons retain their functions.*

Estimating a distance to an object consists of two steps: setting the object's size (in vertical or horizontal dimension) and adjusting the SRF rulers to object's respective dimension.

1. Set the estimated object size (horizontal or vertical) by **UP** and **DOWN** buttons (make sure the word SIZE is in brackets). This value can be varied from 0.2m to 25m.



2. Press **MODE** button and to get the estimated distance, aim at the object with your thermal device and adjust SRF rulers to span the object (horizontally or vertically) by pressing **UP** and **DOWN** buttons. Distance to the object is instantly calculated at every adjustment of object size or SRF rulers.



*To switch between SIZE and DISTANCE modes anytime, press **MODE** button.*

**SRF COLOUR:** SRF rulers colour can be altered between white and black by simultaneously pressing **UP** and **DOWN** buttons.



**NOTE: ACCURACY IN CALCULATING DISTANCE TO AN OBJECT DEPENDS ON THE ACTUAL DISTANCE TO THE OBJECT AND HOW PRECISELY THE OBJECT SIZE WAS ESTIMATED.**

## Stadiametric Rangefinder

**SRF CALIBRATION MODE** can be invoked by simultaneously pressing LEFT and UP arrow buttons while in SRF mode and “Settings +” is active.

SRF Cal ↑↓ Size 0,9 M [Dist 110 M]

In this mode, ZOOM and Polarity buttons retain their functions. **UP** and **DOWN** arrow buttons are used to adjust the distance reading to the actual distance.

Pressing the MODE button exits the SRF Calibration Mode and returns back to regular SRF mode.

### PROCEDURE FOR CALIBRATION

1. Pick an object of a known size at a known distance
2. Adjust SRF rulers to match the object boundaries
3. Switch to SRF Calibration Mode
4. Adjust the distance reading to actual distance to the object
5. Exit SRF Calibration Mode.

## Pixel Masking

FPA may sporadically produce pixels that are of opposite polarity (black or white) that are visible to an operator. These pixels do not affect performance or reliability of the system, however in certain cases a user may want to mask them.

To enter or exit Bad Pixel management mode, simultaneously press **RIGHT+UP+MODE** buttons.



A special cross-shaped cursor with a blinking center dot, will appear.

We will refer to it as a BP cursor.





Bad pixels can be masked two ways: Manual or Automatic.

### **AUTOMATIC BP MASKING STEPS:**

1. Cover the lens in order to get an uniform background

2. Simultaneously press buttons **LEFT+UP**

Auto BP masking will be done in a second and indicated by flashing the cursor and the following notification:

**Auto BP Mask**

If desired, the **Auto BP** masking **map** can be **erased** by simultaneously pressing buttons **RIGHT+DOWN**.

The following indication will appear for a few seconds:

**Auto BP Clr**



**NOTE:** If the objective lens is not covered during Automatic BP masking, many pixels could get wrongfully marked as bad, which would lead to unpleasant image artifacts. This can be undone by the Auto BP Map Erase.

### **MANUAL BP MASKING:**

Pressing **MODE** button will toggle the pointed pixel as **masked** or **unmasked**.

**Moving** the BP cursor across the image is done by the four **arrow buttons**:

**Manual BP map** can be shown or hidden by simultaneously pressing buttons **LEFT+RIGHT**.

Manual BP map state will be indicated by:

**BP Map Show**

**BP Map Hide**

After finishing Manual BP manipulation, the **BP map** needs to be **saved**. This is done by simultaneously pressing buttons **UP+DOWN**.

The following indication will appear to confirm:

**BP Map Save**



## Important Notes on Recoil

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*When mounting the device to the firearm, it is strongly advised to use the services of a professional gunsmith. Improper mounting may result in damage not covered by the warranty and/or bodily injures.*

*Unless described otherwise this device is designated for use with **light- or medium recoil guns only**. Some optical and electronic components are not designed to withstand very heavy recoil. These components, made by third party suppliers, have limited GSCI control. When mounting Thermal Imagers to a gun, please consider using any available recoil mitigation solutions such as suppressors, recoil compensators etc., where it is applicable and legally obtainable.*

*Information contained in the Recoil Table is collected from open independent sources, listing calibers in increasing order and corresponding muzzle and recoil energy. Unless described otherwise GSCI systems are designated for use with **light- or medium recoil guns only**. Some optical and electronic components are not designed to withstand heavy recoil.*

*These components, made by third party suppliers, have limited GSCI control. When mounting the device to the firearm, it is strongly advised to use the services of a professional gunsmith. Also, very important to consider using any available **Recoil Mitigation Solutions (RMS)** which may help to reduce possible negative effects while using the devices as weapon mounted and/or under extreme mechanical stress. Here is suggested list of some **RMS**: suppressors, recoil compensators, silencers, recoil absorbing mounts etc., where it is applicable and legally obtainable. The “**Desirable**”, “**Highly Recommended**” and “**Essential**” columns, listing optical systems that may withstand the recoil shock having been properly mounted and having been used with all available **Recoil Mitigation Solutions (RMS)**. Improper mounting may result in damages not covered by the warranty and/or bodily injures.*

CALIBER	MUZZLE ENERGY, J	RECOIL ENERGY, fps	RMS Desirable	RMS Highly Recommended	Essential
9mm Parabellum	475	4.4-7.3	▶		
.45 ACP	540	0.9	▶		
.22 Centerfire Hornet	1009	1.3	▶		
.223/5.56mm Rem. NATO	1822	3.2	▶		
7.62x39mm	2019	5.95	▶		
.243 Winchester	2820	8.8	▶		
.25-06 Remington	3140	12.5		▶	
.257 Weatherby	3950	15.1		▶	
.280 Remington	3398	17.2		▶	
7mm Remington	4367	19.2		▶	
.30 M1 Carbine	1308	3.5		▶	
.30-30 Winchester	2560	11		▶	
7.62mm AK 47	2045	13.1		▶	
.308 Winchester, NATO	3744	15.8		▶	
.300 Winchester	5385	25.9			▶
.300 Weatherby	5658	24.6			▶
.338 Federal	4374	21.9			▶
.340 Weatherby	4867	29.6			▶
.338 Winchester	5307	43.1			▶
.375 H&H	6319	46.16			▶
.416 Rigby	7618	58.1			▶
.50	17821	70			▶

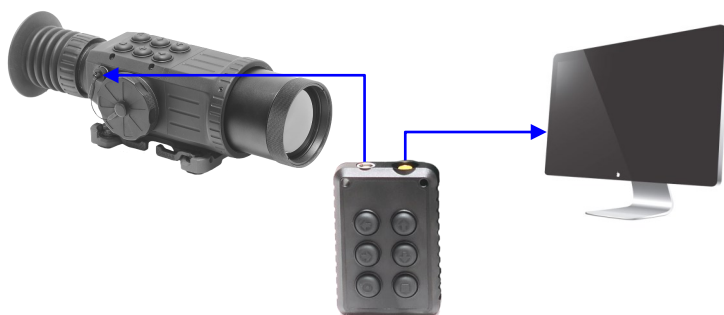
- = WOLFHOUND-38 and WOLFHOUND-64
- ▶ = WOLFHOUND-38-L6 and WOLFHOUND-64-L4

## Remote Control Unit

WOLFHOUND can be equipped with an optional wired remote control that allows more convenient operation of the device for certain environments/scenarios.

The remote control unit has two ports: KEYPAD and VIDEO. KEYPAD port is connected to a device's Universal Service Connector via a data cable (included). *Optionally*, you can connect VIDEO port of the remote control to a display via video cable (Male RCA to Male RCA, Included) and stream (mirror) video from the device to the display.

## Remote Control Unit



Once you connect the remote control to a thermal device, the remote will turn itself on automatically. Also, a user can control functions of the thermal device and apply key combinations using device's buttons and remote control buttons at the same time.

## DVR (Digital Video Recorder) \*

**WOLFHOUND** scope can also be connected to an external video recorder included in Intelli package that enables to take photos and record videos from as seen on the display of the thermal device.



*Please refer to the manual of the video recorder for complete description of the unit and operation procedures.*

## Reticle: Distance-Per-Click

*When performing reticle adjustment it is important to know what actual distance a single horizontal or vertical reticle shift corresponds to. The table presented below indicates by what distance on a target's plane a reticle moves after a single press of **UP**, **DOWN**, **LEFT** or **RIGHT** buttons ("Distance-per-Click"). The values were determined for distance of 100 meters.*

## Reticle: Distance-Per-Click

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Lens	Digital Zoom	Click @ 100m WOLFHOUND-38	Click @ 100m WOLFHOUND-64
50mm	x1	1.7 cm	2.7 cm
	x2	0.85 cm	1.35 cm
	x4	0.42 cm	0.68 cm

Lens	Digital Zoom	Click @ 100m WOLFHOUND-38-L6	Click @ 100m WOLFHOUND-64-L4
100mm	x1	0.85cm	1.35cm
	x2	0.42cm	0.68cm
	x4	0.21cm	0.34cm

*‡Data for distance-per-click presented in the table is based on calculations and may differ from actual distances by up to 10%*

### DISCLAIMER

All GSCI products are sold with the understanding that the PURCHASER (Also referred to as the End User) has independently determined the suitability of such products for their purposes. GSCI products are warranted to the original purchaser to be free from defects in material or workmanship as per GSCI Standard terms and conditions, and warranty. GSCI will provide products compliant to the specifications listed in the manual accompanying the said product. Necessary installation, commissioning, demonstration, training and integration with the existing equipment will be the responsibility of the end user. GSCI will supply a product that can be used as stand alone. It can optionally be a support product for a larger and more complex system. This option for integration is end user responsibility; however GSCI is available to perform the service at a cost. GSCI discharges all responsibilities and does not accept any claims if the end user performs ANY improper modifications or alterations. GSCI can and is able to offer assistance to the End User in performing modifications and/or alterations of the named device. Such services come as optional and at extra cost. Manufacturer's Warranty is null and void if any damages to the device however caused occurred as a result of incorrect implementation of any customization processes described above. GSCI has no other obligation or liability for defects or malfunction than set forth above.



## **Manufacturer's Warranty**

GSCI Warrants its Optical Products against genuine manufacturer's defects in materials and workmanship for a period of 7 (seven) years from the original date of purchase. All optical electronic parts, components which used in covered products, such as image intensifier tubes, focal plain arrays (thermal cores) are covered by their original Manufacturer's warranty for the period not less than 1 year. Any device returned for warranty service or repair must be assessed by GSCI's Technical Control Department (TCD) as having been used according to its original design intents. Any misuse, neglect, or any abnormal use are not covered by this warranty. Product's malfunction or deterioration due to normal use is not covered by the present warranty. GSCI will repair or replace such products or parts which, upon inspection by TCD are found to be defective in either materials or workmanship. As a condition of GSCI obligation regarding a warranty work, the product must be returned to the place where it has been purchased with satisfactory proof of purchase (sales invoice must be presented). This warranty is null and void if equipment has been altered, tampered with, modified, or otherwise abused, mishandled or subjected to unauthorised repairs. GSCI disclaims any other warranties, either expressed or implied, except as expressed herein. The sole obligation of GSCI is to repair or replace the covered device. GSCI expressly disclaims responsibility for any lost profits, general, specific, direct, undirect, or consequential damages which may result from breach of any warranty, or resulting from the use, or inability to use any GSCI's product. Further, GSCI disclaims any responsibility, liabilities for the User's bodily injures or death which may occur while using GSCI products. Do not return merchandise directly to GSCI without expressed permission of our Customer Service Representative who has to issue a Return Authorisation Number (RAN). GSCI takes no responsibility for unauthorised returns. All items returned for exchange, upgrade, repair, service etc. must be with all accessories, in original packaging, shipping and insurance cost prepaid both ways. Items received by GSCI without RAN, missing parts or accessories, or damaged due to inadequate packaging, or customer's abuse (i.e. scratched, cracked body, burned IIT/FPA or broken lens) will be returned back to customer or repaired for the cost. With any warranty-related or technical issues please contact GSCI via e-mail: [gsci@gsci1.com](mailto:gsci@gsci1.com) fully describing a problem. Please see the enclosed GSCI Limited Warranty terms and Warranty Activation Form.

**WARRANTY LIMITATIONS.** This product has been built in accordance to and fully complies with GSCI specifications. All electronic, mechanical and optical parts in this system have been fully factory tested, aligned and calibrated. However, due to limited ability of GSCI to conduct the final mounting and zeroing of this system on the End User's gun or a day time scope – GSCI waives and discharges all further claims related to the possible problems, discrepancies and/or inability of the final End User to do the proper mounting and zeroing of this system.





This Product made by:  
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***IMPORTANT! Night Vision and Thermal Imaging Equipment in general is subject to export control. Please consult your Local and Federal Government Authorities prior further shipment, exporting or transferring of the Controlled Merchandise. General Starlight Company relieves itself from any liabilities, claims or accusations if its equipment is found in certain places without proper export documentation. General Starlight Company under NO circumstances will export or ship its products without fully approved export authorization.***

### **MODEL NAME**

- WOLFHOUND-38**
- WOLFHOUND-64**
- WOLFHOUND-38-L6**
- WOLFHOUND-64-L4**

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