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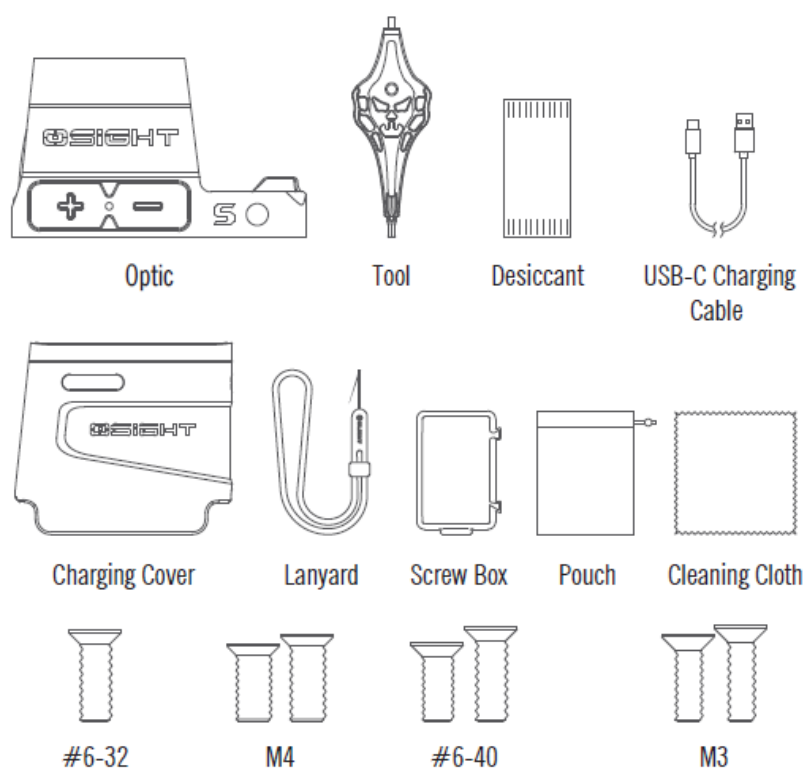
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Osight S Enclosed Aspherical Optic



IN THE BOX



Product specifications

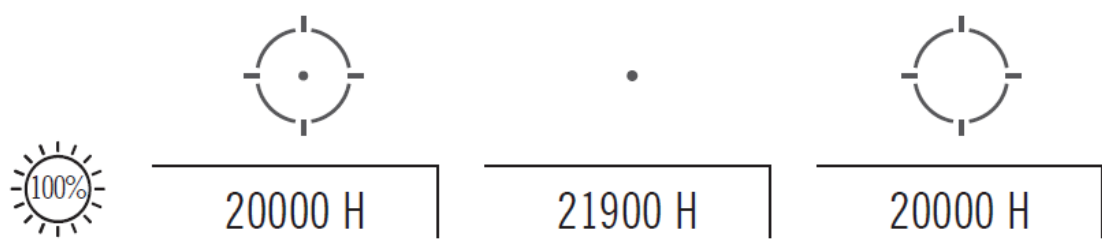
see Table 1 and Table 2;

Table 1: Optic

SPECIFICATIONS

Mode

Mode 3



This is at full 100% brightness, with motion detection on and ambient light sense on. For more runtime details please visit osight.com.

Note: Please fully charge the product every three months to maintain stable power consumption.








 46 mAh 3.87 V (0.178 Wh)	 1.0 m	 IPX7	 Working Temperature 0°C~45°C
 (L)40.5*(W)25*(H)24.5 mm (L)1.59*(W)0.98*(H)0.97 in	 DAL (Housing Material)	 27.5 g / 0.97 oz (Including Battery)	

Table 2: Osight S Charging Cover

Main Body	Plastic+AL6061
Dimensions	42.5*30*37.5 mm / 1.67*1.18*1.48 in
Weight	33 g / 1.16 oz
Battery Capacity	220 mAh 3.87 V (0.85 Wh)
Input	DC 5 V / 2 A (MAX)
Output	DC 4.45 V / 50mA
Time to Fully Charge the Optic	1.5 H

USB-C Charging Cable

Charge Type	USB-C
Cable Length	0.8 m
Input	5 V / 2 A
Time to Fully Charge the Charging Cover	1.5 H (Requiring a 5 V / 2 A (10 W) power source. When the power source capacity is insufficient, the charging time will be longer.)

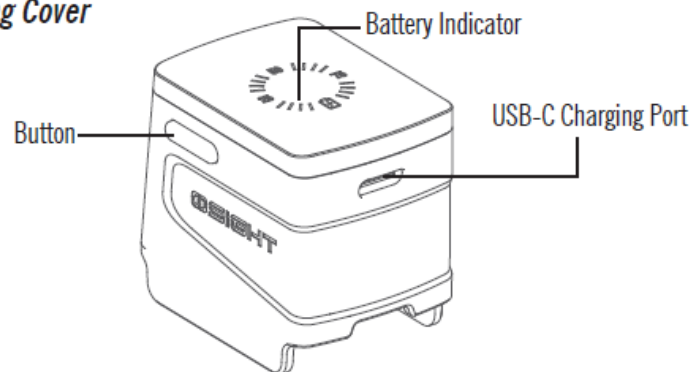
Product overview

see Figure 1;

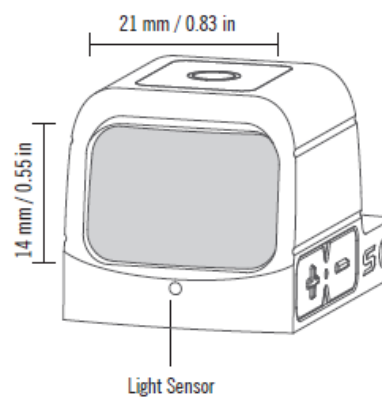
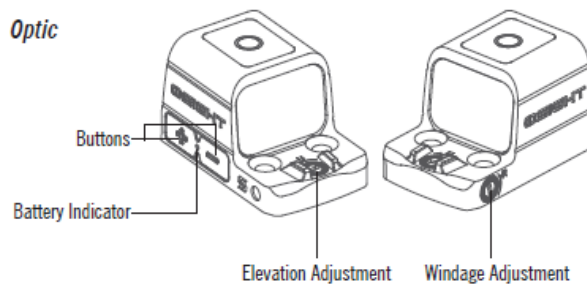
Figure 1

Product Overview

Charging Cover



Optic



Operating instructions

Operating instructions are as follows:

Charging:

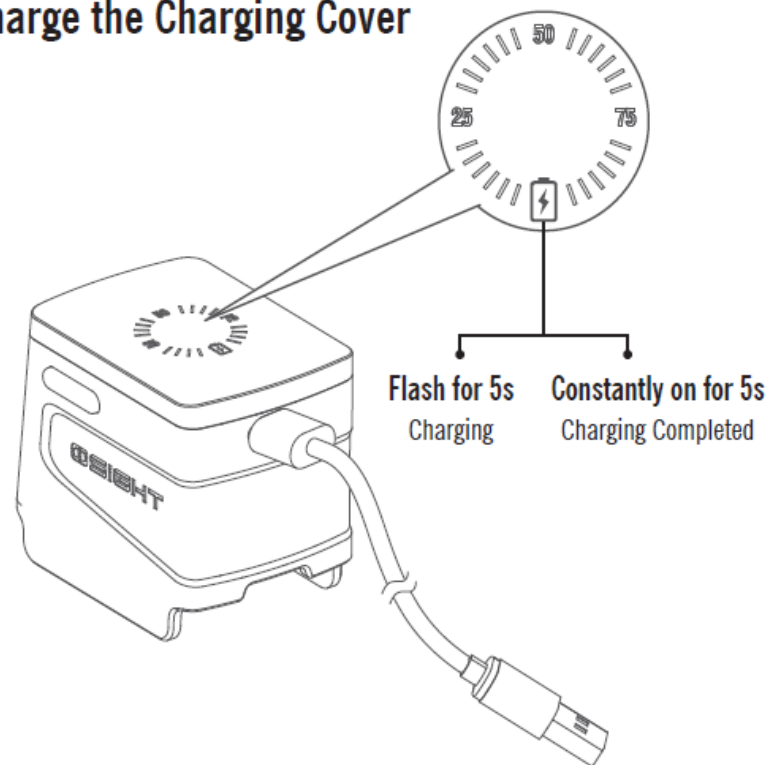
Before first use, charge the charging cover and optic fully.

Charge the charging cover, see Figure 2;

Charge the charging cover with the USB-C cable.

Figure 2

Charge the Charging Cover



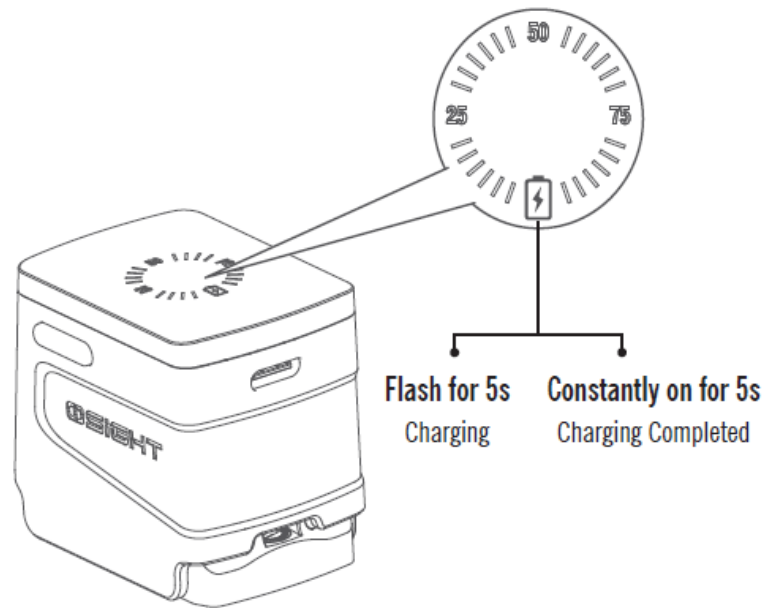
The battery icon of the cover's battery indicator flashes for 5 seconds and then turns off, indicating that the cover is being charged; the battery icon is constantly on for 5 seconds and then turns off, indicating that the cover is fully charged.

Charge the optic, see Figure 3;

Place the charging cover over the optic to charge it. The battery icon flashes for 5 seconds and then turns off, indicating that the optic is being charged; the battery icon is constantly on for 5 seconds and then turns off, indicating that the optic is fully charged.

Figure 3

Charge the Optic With the Cover



Note: Fully charge the product before first use.

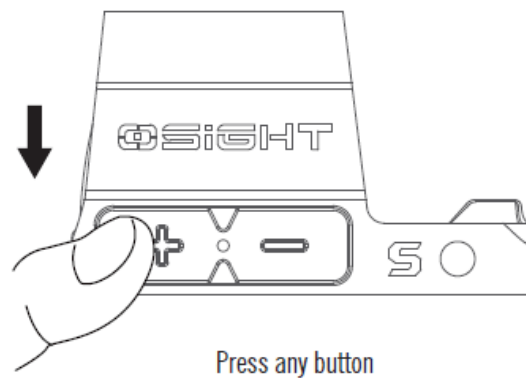
Optic operating instructions;

Turn on, see Figure 4;

- Manual on: Press any button to turn the optic on.
- Auto on: When the motion sensor function is enabled, the optic will automatically turn on upon detecting any movement of the optic.

Figure 4

Manual On

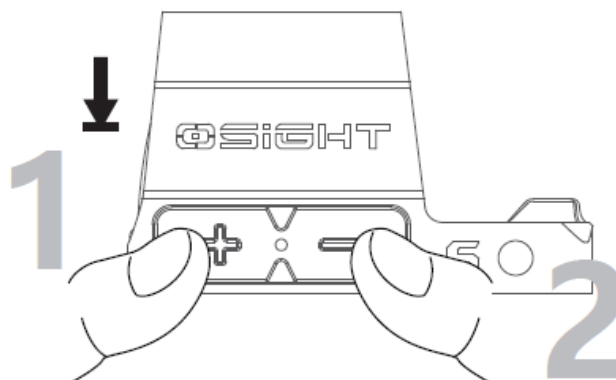


Turn off, see Figure 5;

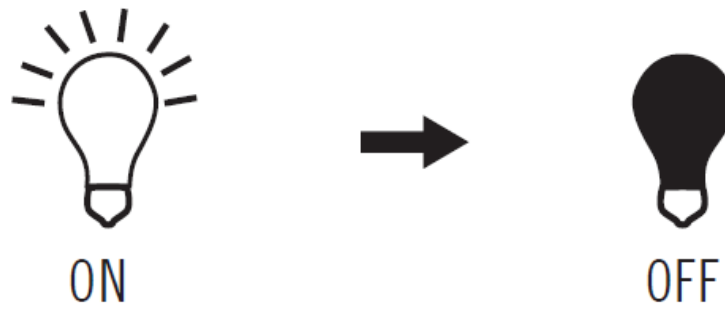
- **Manual off:** Press the “+” and “-” buttons simultaneously for over 0.5 seconds to turn off the optic.
- **Auto off:** When the motion sensor function is enabled, the optic will automatically turn off after no motion for 10 minutes.

Figure 5

Manual Off



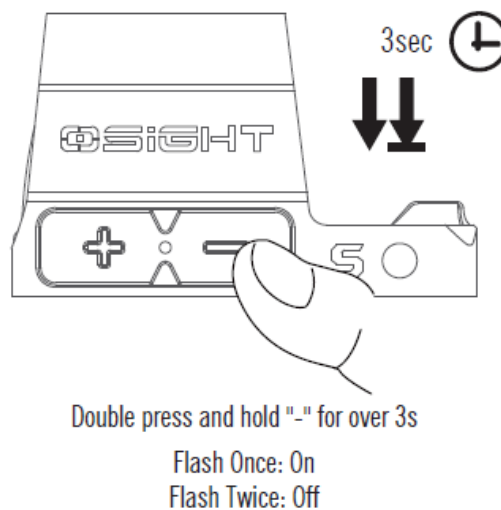
Press the “+” and “-” buttons simultaneously for more than 0.5 seconds.



Motion sensor function, see Figure 6;

- The motion sensor function has been enabled by default.
- When the optic is on, double press and hold the “-” button for over 3 seconds to enable or disable this function.
- When the function is enabled, the reticle flashes once.
- When the function is disabled, the reticle flashes twice.

Figure 6
Motion Sensor Function
On/Off



The optic will automatically turn off after 10 minutes of inactivity.

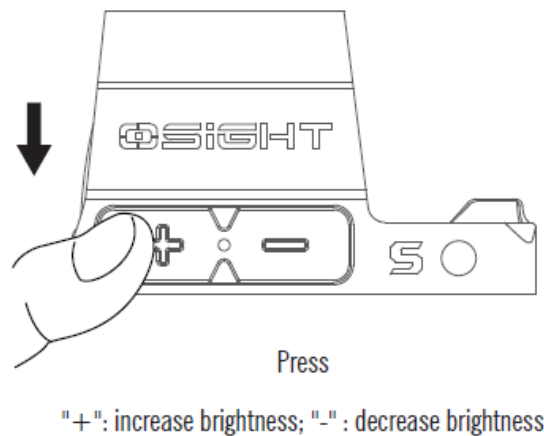
Operation modes, see Figure 7;

- Manual Mode: The Manual Mode has been set by default.
- In Manual Mode, there are 12 brightness levels. Levels 1 and 2 are night vision

settings, while levels 3 to 12 are daylight settings, with level 12 being the brightest.

- Press the “+” button to increase brightness and the “-” button to decrease brightness.
-

Figure 7
Brightness Adjustment (Manual Mode)

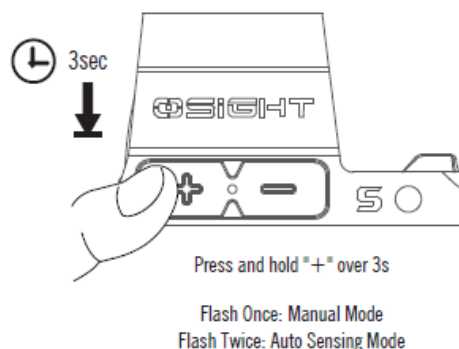


Auto Sensing Mode: With light sensor technology, the reticle brightness adjusts automatically based on the ambient light conditions.

- In Auto Sensing Mode, the brightness can be manually adjusted up or down by one level.

Switch modes, see Figure 8;

Figure 8
Mode Switching



Cycle ↺ Manual Mode → Auto Sensing Mode ↻

- When the optic is on, press and hold the “+” button for over 3 seconds to switch

modes. The modes cycle through Manual >Auto Sensing;

- The reticle flashes once to indicate a switch to Manual Mode (at the brightness of level 8 and remains at this brightness);
- The reticle will flash twice times to indicate a switch to Auto Sensing Mode (at the brightness used in Manual Mode).

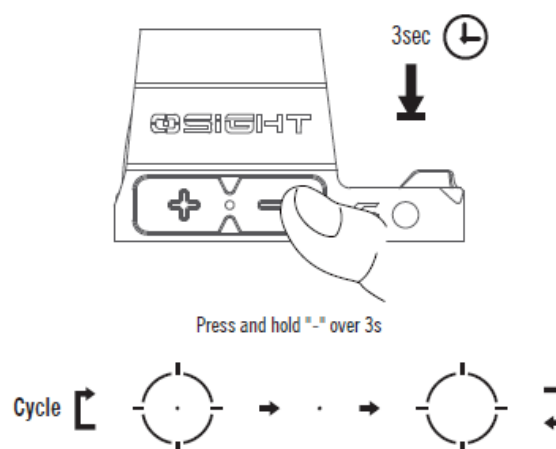
Mode and brightness memory function;

- If the optic turns off in Manual Mode, it will remain in Manual Mode upon restart, and the reticle brightness will be the last used brightness;
- If the optic turns off in Auto Sensing Mode, it will remain in Auto Sensing Mode upon restart.
- Auto Sensing Mode and Manual Mode will memorize the on/off state of the motion sensor function when it was last used.

Reticle system switching, see Figure 9;

When the optic is on, press and hold the “-” button for over 3 seconds to switch between the three reticle options, Dot+Circle, Dot-only and Circle-only, switching in that order every 2 seconds.

Figure 9
Reticle System Switching



Charging cover operating instructions

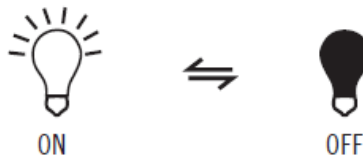
Energy-saving function, see Figure 10;

Figure 10

Energy-Saving Function



- The reticle turns off when the cover is placed over the optic; It will be automatically activated
- when the cover is removed (The reticle can't be activated when the optic is turned off manually)



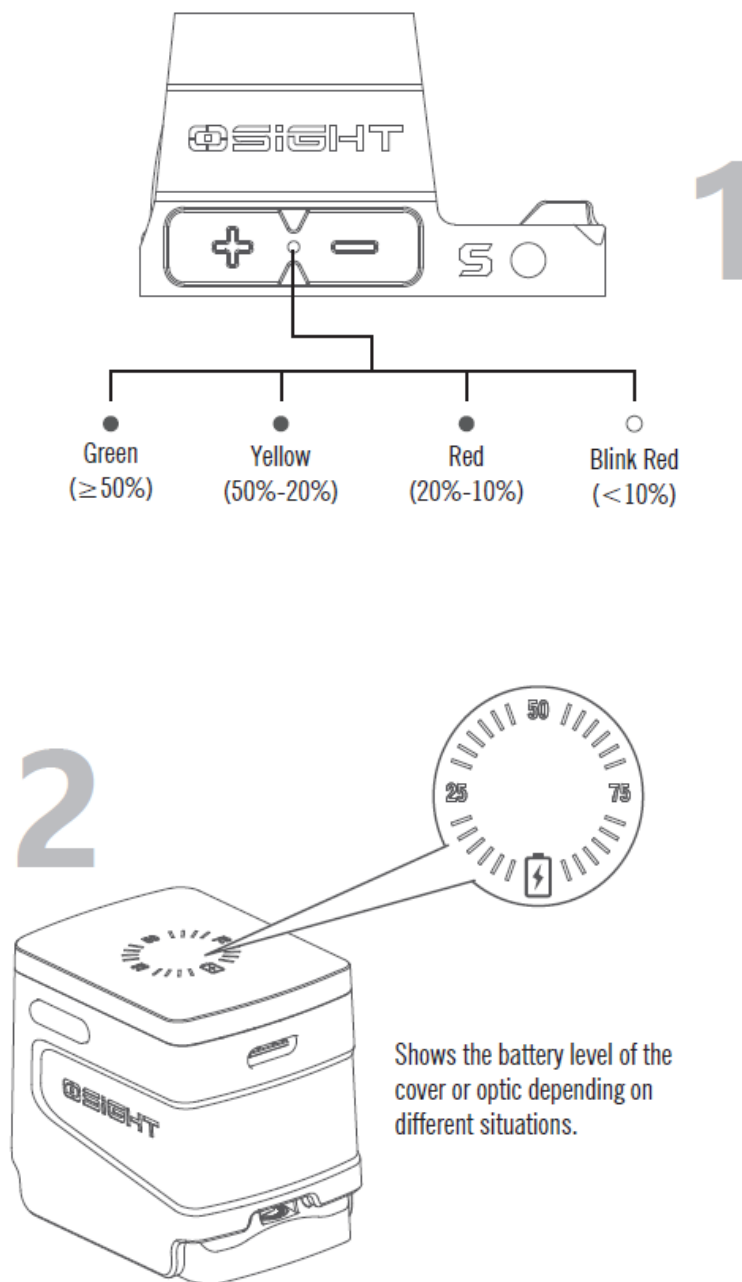
- The reticle turns off to save power when the cover is placed over the optic; it will be automatically activated when the cover is removed.
- The reticle can't be automatically activated when the optic is turned off manually.
- This function is disabled when the cover runs out of power.

Battery Indication

see Figure 11;

Figure 11

Battery Indicators



Optic's battery indicator;

Press any side button of the optic to display the optic's battery level.

Charging cover's battery indicator;

The indicator will display battery level for 5 seconds after it's on.

Display optic's battery level:

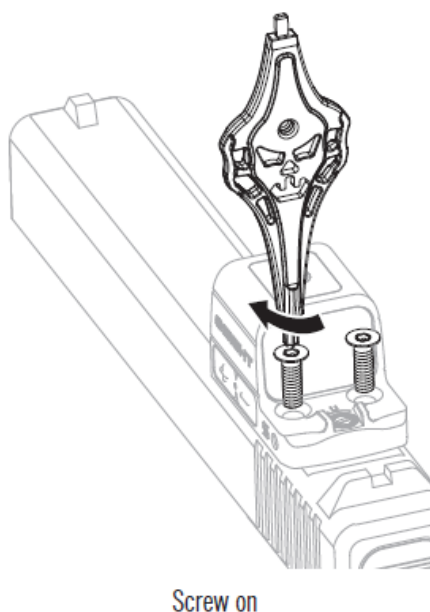
- When the cover is placed over the optic to start charging the optic, the indicator shows the optic's battery level;
- When the optic is being charged, press the side button of the cover to show the optic's battery level again.

Display charging cover's battery level: When the cover is not on the optic, press the cover's side button or use the

- USB-C cable to charge the cover, the indicator shows the cover's battery level;
- When the cover is placed over the optic and charged with the USB-C cable, the indicator shows the cover's battery level;
- When the cover is removed from the optic, the indicator shows the cover's battery level.

How to install see Figure 12;

Figure 12
How to Install

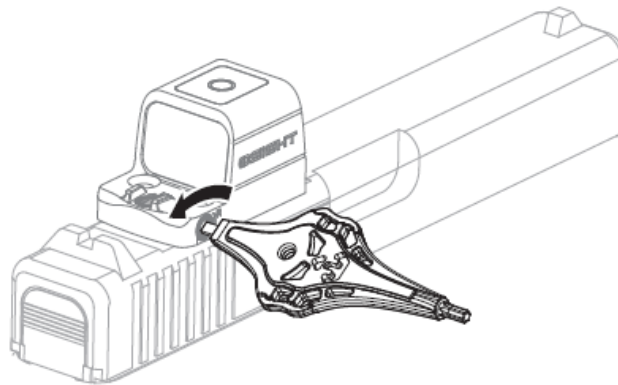


Zero setting, see Figure 13.

Windage (left/right) or elevation (up/down) adjustment is 1 MOA per click.

Figure 13

Zero Setting



Rotate to adjust elevation or windage

1 MOA per click

- Do not ingest the battery, as there is a Chemical Burn Hazard.
- If the small battery is swallowed, it can cause severe internal burns in just 2 hours and may lead to death. Keep new and used batteries away from children.
- If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Do not replace the battery with an incorrect type that can defeat a safeguard, such as certain types of lithium batteries.
- Do not dispose of the battery in fire, a hot oven, or by crushing or cutting it, as it may result in an explosion.
- Avoid leaving the battery in extremely high-temperature environments, as it may cause an explosion or the leakage of flammable liquid or gas.
- A battery exposed to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

WEEE Disposal and Recycling Information

All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, to protect human health and the environment, you should dispose of your waste

equipment at a designated collection point for the recycling of WEEE, appointed by the government or local authorities. Proper disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points.

EU Declaration of Conformity

Hereby Zhongshan Osight Co., Ltd declares that the products [Osight S, OCC-46mA] are in compliance with Directive 2014/30/EU and RoHS Directive 2011/65/EU & (EU) 2015/863. The full text of the EU declaration of conformity is available at the following internet address: <https://www.osight.com/certifications>

FCC compliance 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.

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.

ISED Notice

This device complies with Industry Canada's ICES standard(s). Operation is subject to the following two conditions:

This Class B digital apparatus complies with Canadian ICES-003.

WARRANTY

We are proud to offer a lifetime warranty. If your Osight product ever experiences any issues, we promise to take care of it. If we are unable to repair your product, we will promptly replace it with a product in perfect working condition, which will be of equal or better physical condition. The warranty covers defects in material and workmanship under normal use, excluding loss, theft, deliberate damage, or cosmetic damage. For complete warranty information, please visit osight.com.

- USA Customer Support cs@osight.com
- For other countries and regions, please contact Global Customer Support contact@osight.com

Designed by OSIGHT INC. in Arizona

4330 W Chandler Blvd, Suite 4 Chandler, AZ 85226

Manufacturer:

4th Floor, Building 4, Keguo Industrial Park, No. 6 Zhongnan Road, Change Town, Dongguan City, Guangdong, China.

Made in China

CAN ICES-003 (B) / NMB-003 (B)

FAQ


- **How do I install the battery indicators?**

To install the battery indicators, press the + and – buttons simultaneously for more than 0.5 seconds.

- **What is the function of the Motion Sensor?**

The Motion Sensor function can be turned on or off by pressing any button for 3 seconds.

Documents / Resources

	Osight Osight S Enclosed Aspherical Optic [pdf] Instruction Manual 6-32, M4, 6-40, M3, Osight S Enclosed Aspherical Optic, Osight S, Enclosed Aspherical Optic, Aspherical Optic, Optic
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References

- [User Manual](#)

■ Osight

◆ 6-32, 6-40, Aspherical Optic, Enclosed Aspherical Optic, M3, M4, Optic, Osight, OSIGHT S, Osight S Enclosed Aspherical Optic

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