

Insta360 X3 Invisible Dive Case

Instructions for Use / 使用说明

Video Tutorial / 视频教程



<https://www.insta360.com/guide/accessory/invisibledivecase>

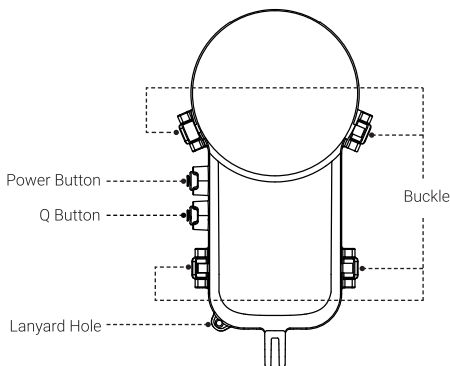
Specifications

Maximum Depth: 50m (164ft)

In the Box: 1x Insta360 X3 Invisible Dive Case, 10x Anti-fog Inserts, 1x 1/4" Mount Adapter, 1x 1/4" Thumb Screw, 1x Protective Pouch, 4x Anti-slip Rings, 1x Thumb Screw Wrench and 1x Lens Cloth.

Weight: 133g (4.7oz)

Names of Parts



Before Use

- ① Before using the Dive Case, please update your camera's firmware to the latest version (see full instructions below).
- ② Please read this document carefully and prepare the Dive Case properly before use. Failure to observe these instructions may cause damage to the camera, battery, microSD card, or other parts, for which Insta360 won't assume responsibility. Please use this product responsibly to prevent accidental damage.
- ③ Please note, incorrect maintenance may affect product performance. Each time before placing the camera in the Dive Case, it's suggested to close and latch the Dive Case without the camera inserted and immerse it in water (Note: the dive case without camera inserted should not be submerged in water more than 98.4ft, otherwise it may be damaged.) to check for leaks as described below.
 - Securely close and latch the Dive Case and then slowly immerse it in water, stopping if air is expelled from inside the Dive Case.
 - Immerse the Dive Case and operate the buttons underwater for 2-3 minutes, checking for any air bubbles.
 - Take the Dive Case out of the water and dry the outside thoroughly with a soft, dry cloth, then check for any water inside.
- ④ When sealing the Dive Case, be sure that the parts of the Dive Case in contact with its rubber seal are free of any foreign objects and that the rubber seal has not moved off the rim.
- ⑤ Never open or close the Dive Case in a location with a lot of sand, dirt, dust, or other small particles. Otherwise, the performance could be affected and/or the camera may be damaged.
- ⑥ To ensure the Dive Case is securely sealed, check the rubber seal is not protruding and

that no foreign matter is stuck in the Dive Case once closed.

⑦ The Dive Case is not shock-resistant. Applying strong vibrations, shocks, or pressure to the product may result in damage, failure or reduced waterproofing performance. While using Insta360 X3 in the Dive Case, the maximum height from which you can dive into water is 2 meters (6.6ft). The Dive Case is protected against drops onto solid ground from a maximum height of 1 meter (3.3ft).

⑧ Glue may be visible inside the outer edge of the Dive Case lenses. This is normal and will not affect waterproofing performance.

How to Use

① Before using the Dive Case, please update the camera's firmware.

1.1 Head to the Downloads page for X3 (<https://www.insta360.com/download/insta360-x3>) to find the latest firmware (must be v1.0.80 or above) and click Download.

1.2 Turn on X3, swipe down on the touchscreen to access the shortcut menu, tap the settings icon , then select "USB Mode" - "U Disk Mode".

1.3 Connect X3 to a computer via the official Type-C cable, then copy the Insta360X3FW.bin file to your X3 directly (not a specific folder on X3's microSD card)

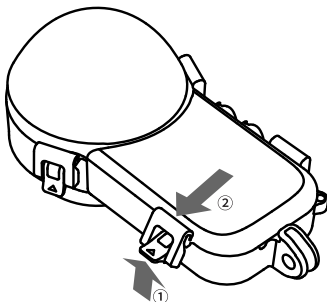
Note: Make sure you delete the old firmware bin file and keep the file name of the newly downloaded firmware unchanged. Otherwise, the system might not be able to identify the new firmware, which will cause issues when updating.

1.4 Disconnect the camera from the computer and X3 will automatically shut down. Turn the camera on and it will recognize the firmware update automatically. At this time, the touchscreen will turn off and the indicator light will be a steady blue. Once the camera is updated, it will automatically restart.

1.5 Finally, please check the firmware version is v1.0.80 or above. To check the firmware version, swipe down on the camera touchscreen to access the shortcut menu, tap the settings icon , then tap "Camera Info".

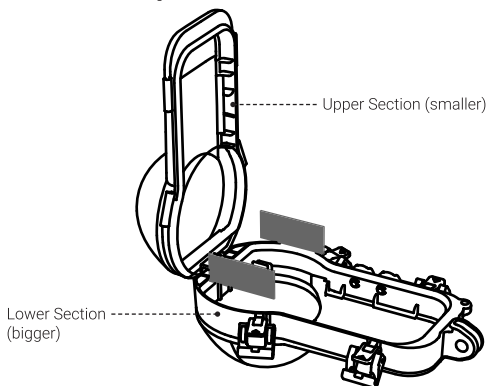
② Open the Case

Lift the buckle as shown below (①), then pull it down to remove from the hook (②). Repeat with the other 3 buckles, then open the Dive Case.



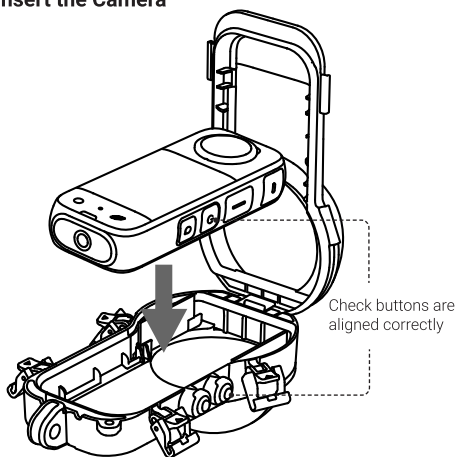
③ Attach the Anti-Fog Inserts

Ensure that the anti-fog inserts are inserted as shown below.



Note: When using third-party anti-fog inserts, ensure that the size is within $37.1 \times 16.0 \times 1.2$ mm. If the insert is too large, it will cause water leakage and potentially damage the camera.

④ Insert the Camera



Note:

- 1) Before use, please update your camera's firmware to the latest version.
- 2) Before inserting the camera, you must activate Dive Case Mode. Swipe down on the camera touchscreen to open the shortcut menu, tap the icon  and select "2023" to enter Dive Case Mode. Once in Dive Case Mode, press the Power Button to switch

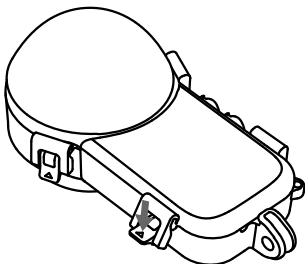
shooting modes and the Q Button to start or stop shooting. For more info, refer to the "Button Instructions in Dive Case Mode" below.

3) Also, be sure that the camera lenses and the Dive Case interior are clean and free of dirt or dust.

4) When inserting the camera, be sure to remove any pre-installed lens guards and take care not to scratch the lenses.

5 Close the Case

To close the Dive Case, latch the buckle onto the case's hook and firmly push down until it clicks.

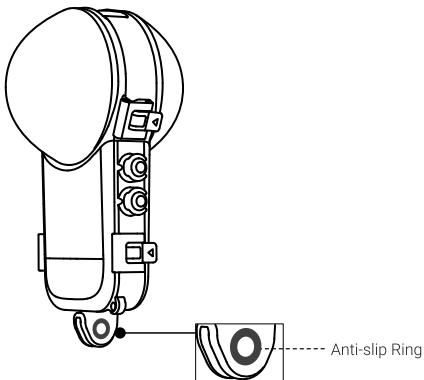


Note:

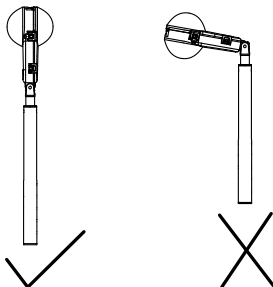
- 1) Ensure the Dive Case is firmly closed. Check that the parts of the Dive Case in contact with its rubber seal are free of dirt or dust.
- 2) For best results, keep the Dive Case lenses clean.

6 Other Accessories

When connecting the Dive Case to other accessories, such as the Floating Hand Grip, to better secure the Mount Adapter and reduce the risk of the accessory loosening or damage to the camera caused by vibration, you can stick an Anti-slip Ring to the screw points.



6.2 To achieve the invisible selfie stick effect, always keep the Invisible Selfie Stick and Dive Case in a straight line. Use the wrench to tighten the 1/4" Thumb Screw to reduce the impact of the water flow on the alignment.



7 Stitching

For best results when shooting underwater, it's recommended to keep the Dive Case's lenses perpendicular to the surface of the water (so neither lens is facing upwards). After shooting, open the files in the Insta360 app or Studio and they will be automatically selected to stitch for the Invisible Dive Case.

Button Instructions in Dive Case Mode

Power Button		
Camera Status	Single Press	Long Press
Power off	Power on	Power off
Screen off	Screen on	
Preview	Enter Mode Switch page and switch to next mode	
Mode Switch	Switch to next mode	
Shooting	No response	
Beginner's Guide	Skip the Beginner's Guide	

Q Button			
Camera Status	Single Press	Double Press	Long Press
Power off	No response	No response	No response
Screen off	Start shooting	Switch to: Single Lens Mode (front) / Single Lens Mode (rear) / 360 Mode	Enter / exit Dive Case mode
Preview	Start shooting		
Mode Switch	Select the mode and return to preview	Switch to: Single Lens Mode / 360 Mode	No response
Shooting	Stop shooting	No response	
Beginner's Guide	Skip the Beginner's Guide	No response	

Maintenance

- ① Do not open the Dive Case while it is wet.
- ② After using the product in seawater, take out X3 and soak the Dive Case in fresh water for at least 60 minutes (ensure the Dive Case is firmly closed beforehand). If the Dive Case is not rinsed after use in seawater, residual salt may crystalize in gaps. These salt crystals will not dissolve in water and can lift the rubber seal and cause water leakage. After soaking the Dive Case in fresh water, rinse it under gently flowing tap water. Never apply a strong water stream from a single direction, as it may cause water leakage.
- ③ Ensure that the dive case is firmly closed before washing. After washing, wipe away any water droplets remaining on the surface with a soft, dry cloth and leave to dry. Ensure there is no sand on the Dive Case before drying as sand may scratch the product surface when wiped with a cloth. Do not dry with a hair dryer or any other heat source.
- ④ Do not store the Dive Case in a hot or humid environment. For example, do not leave it inside a hot car.
- ⑤ Do not wash the Dive Case with soap, neutral detergent, or alcohol cleaning products. This may degrade the waterproofing performance.
- ⑥ Store the product in a dry, well-ventilated location.

After-Sales Service

The warranty period of the attached product is 1 year from the original retail purchase. Warranty service may vary according to the applicable laws of your state or jurisdiction. For detailed warranty policies, please visit <http://insta360.com/support>.

Disclaimer

Please read this Disclaimer carefully. Using this product means that you acknowledge and accept the terms of this disclaimer.

By using this product, you hereby acknowledge and agree that you are solely responsible for your own conduct when using this product and any consequences thereof. You agree to use this product only for proper and lawful purposes. You understand and agree that Arashi Vision Inc. (hereinafter referred to as 'Insta360') accepts no liability for any and all misuse, consequences, damages, injuries, penalties, or any other legal responsibility directly or indirectly incurred by your using this product. Before every use, make sure that your product is functioning properly. If there's any damage or irregularity, stop using it immediately.

Within the scope of state laws and regulations, Insta360 reserves the right of final explanation and revision for the commitment.

* Within the scope of national laws and regulations, Arashi Vision Inc. ("Insta360") reserves the right of final interpretation for the instructions and other files, which are subject to change without prior notice.

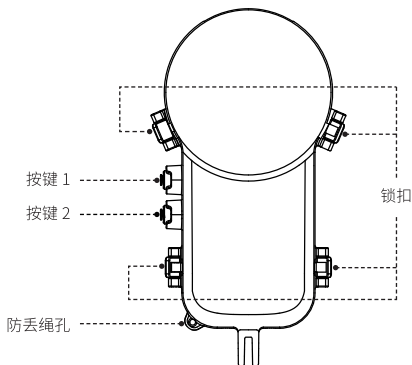
规格

最大防水深度：50 米

包含物品：Insta360 X3 全隐形潜水壳、防雾片、1/4 螺丝转接头、1/4 螺丝固定杆、扳手、便携收纳袋、防松垫片、擦镜布、使用说明 & 保修（本文档）

重量：133 克

部件名称



使用前

- ① 初次使用前，请前往 [Insta360 官网](#) 将固件升级至最新版本。
- ② 请仔细阅读本文档，并确保在使用前进行准备和维护。如果不遵循使用指南进行操作，可能会导致相机、电池、记录内容等损失，本公司不承担任何责任。您有责任以谨慎合理的方式使用本产品。
- ③ 由于维护方法不当可能会导致产品性能受影响，建议在每次使用前，请先将潜水壳（空壳）锁好，然后浸入水中（潜水壳空壳下水深度需小于 30 米，否则可能存在损坏风险）检查是否漏水，具体如下：
 - 将潜水壳锁好，然后慢慢浸入水中，如果有空气从潜水壳内排出则停止操作。
 - 将潜水壳浸泡在水中并操作按键 2~3 分钟，检查是否有气泡出现。
 - 将潜水壳从水中取出，用柔软的干布擦拭干净，然后打开潜水壳并仔细检查内部是否有水进入。
- ④ 密封潜水壳前，请确保密封圈及其接触表面上没有异物（污垢、灰尘、沙子、毛发、棉绒、液体等）。确保密封圈没有扭曲、错位、划痕、裂缝等。
- ⑤ 切勿在有大量沙子、污垢、灰尘等的场所打开和关闭保护壳。若不遵循此注意事项可能会导致异物粘附在密封圈上，从而降低产品性能，损坏相机。
- ⑥ 为保证潜水壳密封性，关闭外壳后，请再次确认密封圈未被挤出或无异物卡在潜水壳内。
- ⑦ 本产品不耐冲击。对产品施加剧烈的震动、冲击或压力可能会导致损坏或降低潜水壳防水性能。使用时，跳水高度请限制在 2 米内，跌落高度（水泥地板）1 米内。
- ⑧ 潜水壳镜片与壳体固定处如有气泡状残留胶水，属于正常现象，不影响防水性能。

❶ 初次使用全隐形潜水壳前，请先升级相机固件。具体操作如下：

1.1 打开 Insta360 官网 X3 固件下载页 <https://www.insta360.com/download/insta360-x3>，下载版本号高于或等于 v1.0.80 的 X3 固件，点击“点击下载”；

1.2 将 X3 开机，从屏幕顶部向下滑动进入下拉菜单，点击设置  图标，选择「USB 模式」-「U 盘模式」；

1.3 使用官方 Type-C 数据线连接 X3 至电脑，将下载好的“Insta360X3FW.bin”升级文件复制到相机磁盘的存储空间根目录；

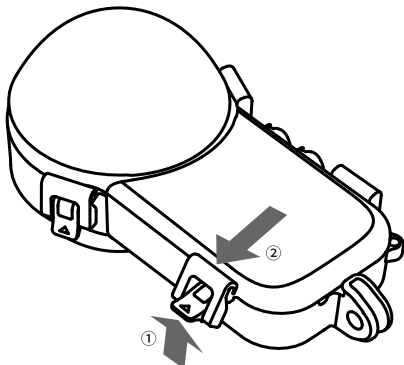
注意：请删除旧的 bin 文件（如有），请勿修改解压后的固件文件名和后缀名。

1.4 将相机与电脑断开连接，X3 会自动关机。点按相机电源键开机，相机将识别固件并自动升级，此时显示屏熄灭，指示灯蓝色长亮。相机升级完成后将自动重启；

1.5 查看固件版本是否正确，请确保固件版本号高于或等于 v1.0.80。升级完成后，进入相机的下拉菜单，点击设置图标 ，点击「关于相机」，即可在「固件版本」查看相机的当前固件版本。

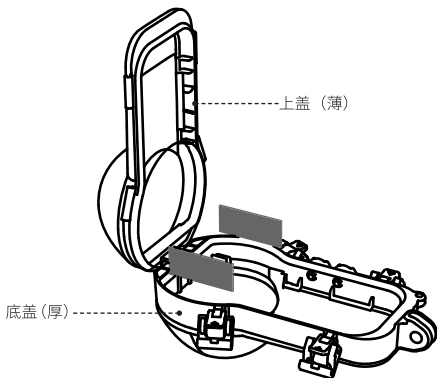
❷ 打开潜水壳

按图示向上推动潜水壳锁栓（❶），取下挂扣（❷）。同理，打开其他 3 个锁扣，即可打开潜水壳。



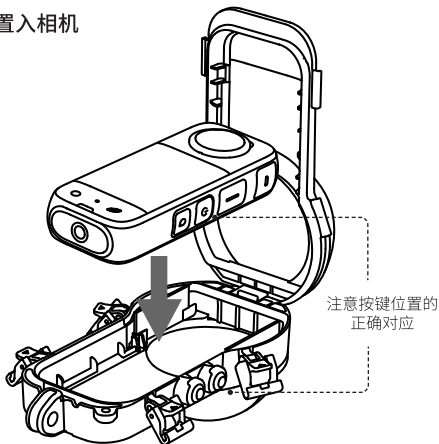
③ 放置防雾片

如图，将防雾片放置在潜水壳底盖的防雾片卡槽处。



注意：如购买第三方防雾片，请确保防雾片尺寸小于或等于 37.1×16×1.2 mm。防雾片尺寸过大会导致潜水壳密封不良，损毁相机。

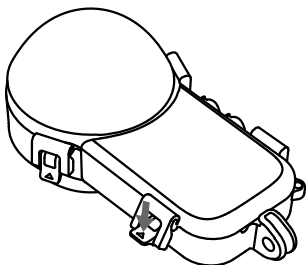
④ 置入相机



注意！

- 1) 置入相机前，下滑相机屏幕，进入快捷菜单，点击图标  选择 **2023** 版潜水壳将相机切换至“潜水壳模式”。此时，可单击潜水壳侧边按键 1（对应相机电源键）切换拍摄模式。单击潜水壳侧边按键 2（对应相机 Q 键）开启 / 结束拍摄，按键详细教程请查阅本说明书“**潜水壳模式下的按键操作**”部分。
- 2) 置入相机前，请确保相机镜头和潜水壳内壁干净、无脏污。
- 3) 置入相机时，相机不能安装有镜头保护膜，请注意不要划伤镜头。

⑤ 关闭潜水壳

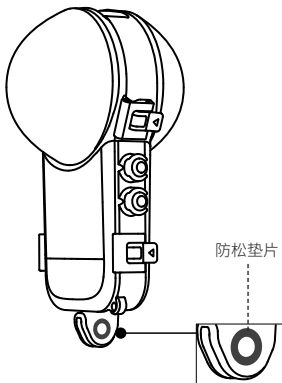


注意！

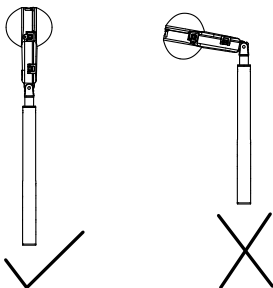
- 1) 仔细检查潜水壳是否牢固关闭，确保密封圈及其接触表面没有污垢或灰尘。
- 2) 为了获得最佳拍摄效果，使用时请保持潜水壳镜片的干净。

⑥ 安装其他配件

6.1 将潜水壳转接至其他配件时，为更好固定转接底座，减少配件松动风险或减少因震动而对相机产生的损坏，使用时可在接口处辅助粘贴透明防松垫片（如有需要）。



6.2 搭配自拍杆等其他配件使用时，为保证隐形自拍杆效果，请保持自拍杆和潜水壳在一条直线。为减少因水流过大而导致自拍杆与潜水壳不在同一直线上的情况发生，请务必使用扳手将螺丝固定杆拧紧。



7 拼接

为获得更好画质，水下拍摄时，建议保持潜水壳的镜片与水面垂直。使用潜水壳完成拍摄，将拍摄素材导入 Insta360 APP 或者 Insta360 Studio 后，拍摄素材可自动进行全隐形潜水壳拼接。

潜水壳模式下的按键操作

电源键		
状态	单击	长按
关机	开机	关机
息屏	亮屏	
预览	进入模式切换页并切换至下一个模式	
模式切换页	切换至下一个模式	
拍照或录像中	不响应	
新手引导页	跳过当前引导	

Q 键			
状态	单击	双击	长按
关机	不响应	不响应	不响应
息屏	开始拍照 / 录像	切换广角前镜头 / 广角后镜头 / 全景镜头	进入 / 退出潜水壳模式
预览	开始拍照 / 录像		
模式切换页	选中当前模式并返回预览	切换广角 / 全景模式	不响应
拍照或录像中	停止拍照或录像	不响应	
新手引导页	跳过当前引导	不响应	

维护

- ① 潜水壳潮湿时，请勿打开。
- ② 在海水环境中使用产品后，请先打开潜水壳取出相机，然后关闭潜水壳将其放入清水（淡水）中浸泡至少 60 分钟以上。如果产品在海水使用后没有冲洗，残留的盐分会在缝隙中结晶，并形成不溶于水的晶体。这些盐晶会顶起密封圈，导致产品进水。因此，请务必将产品在淡水中浸泡。从淡水中取出产品后，在柔和流动的自来水中进行冲洗。不要从单一方向施加强力的水流，因为这可能会导致产品进水。
- ③ 在用水清洗产品之前，请确保潜水壳牢固关闭。清洗产品后，用干毛巾擦去产品表面上残留的水滴。请勿使用烘干机或炉子进行烘干。
- ④ 用布擦拭时，粘附在产品上的沙子可能会刮伤产品表面。
- ⑤ 请勿将产品存放在炎热潮湿的环境中。特别是，请勿将产品留在汽车内。
- ⑥ 请勿用肥皂水、中性清洁剂或酒精清洗产品。这可能会降低防水性能。
- ⑦ 请勿使用有机溶剂（如稀释剂、酒精或汽油）进行清洁。
- ⑧ 请将产品存放在干燥、通风良好的场所。

售后服务

自您最初零售购入之日起，本产品的保修期为 1 年。详细的售后服务流程和保修条款，请访问 <https://www.insta360.com/support>

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用户应遵循包括但不限于本文提及的使用注意事项。

每次使用前，请仔细检查配件，若出现破损、变形，请勿使用。

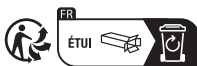
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Insta360 GmbH
Gartenfelder Straße 29-37, Gebäude 31/31.12 1.OG, 13599 Berlin, Germany
+49 177 856 7813
service@insta360.com

Arashi Vision Inc.



ADD: 11th Floor, Building 2, Jinlitong Financial Center, Bao'an District, Shenzhen, Guangdong, China
WEB: www.insta360.com
TEL: 400-833-4360 +1 800 6920 360
EMAIL: service@insta360.com

PB.AAQ000502