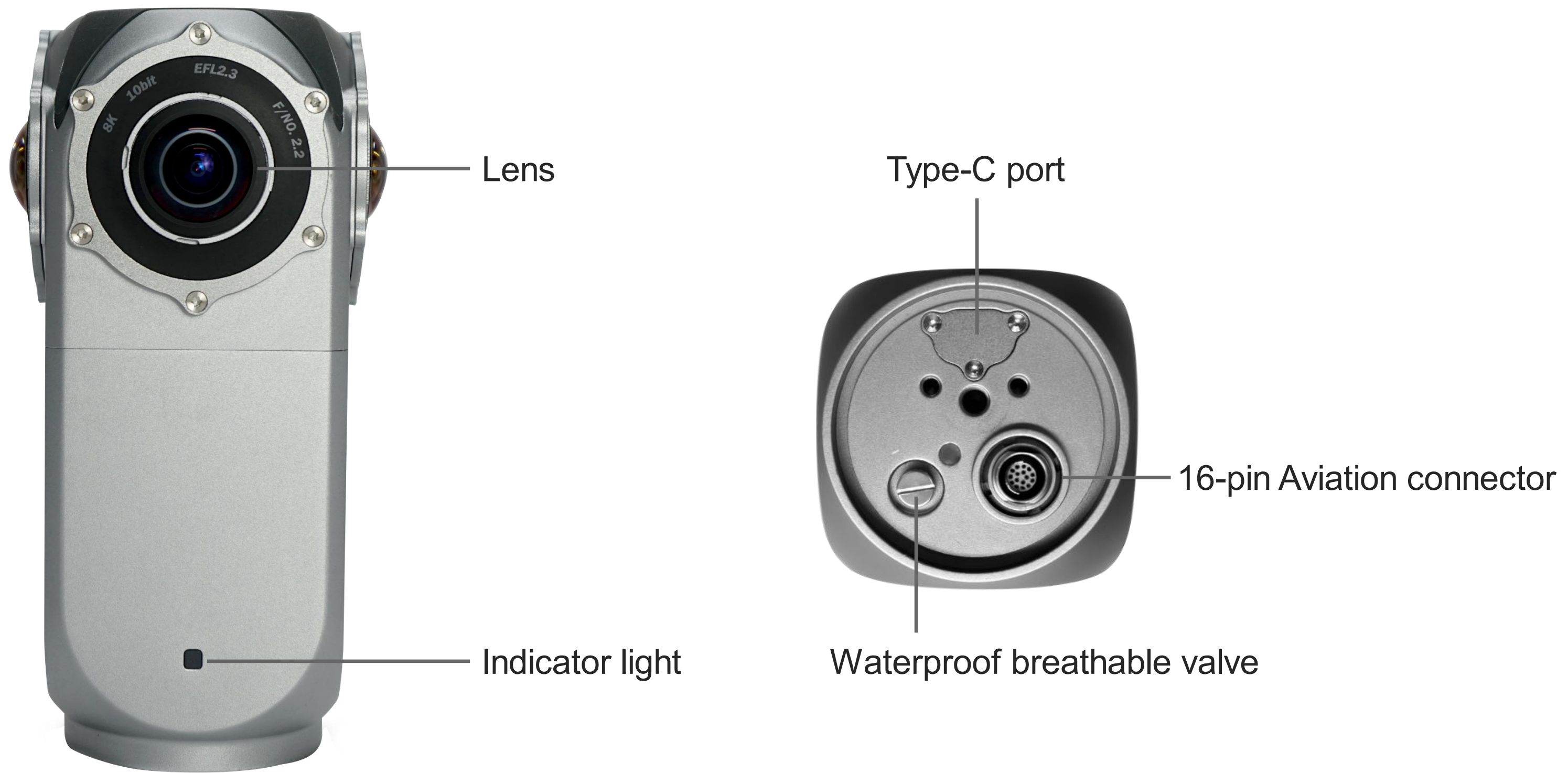




360Starlight Hardware Manual

1. Camera Components Overview



2. Camera Specifications

Parameters	Values
Model	360StarLight
Number of Lenses	4
Weight	1kg
Size	172x68x68mm
Material	Aviation aluminum alloy
Focal Length	2.3mm
Aperture	F2.2
FOV	V:190° H:110°
Sensor	1/1.8 CMOS
External power supply	12.6V/4A
POE	Supports, requires greater than 20W
Battery	None
Power Consumption	18W
WiFi	Supports: 802.11ac
Frequency Range	5.762GHz
Channel Bandwidth	40Mhz
Encryption Method	WPA2-PSK
Effective Transmission Distance	15 meters
1PPS	Supports
Gyroscope	Built-in 6-axis
Built-in Microphone	None
External Microphone	Type-C to 3.5mm
Storage Media	UFS
Storage Capacity	512G
IP Rating	IP68
Operating Temperature	-30°C to 50°C, 90% Relative Humidity, Non-Condensing

3. Accessory Installation



4. How to use

a. Camera Interface Introduction

TYPE C Interface: Used only for connecting external audio. Do not activate when not in use. If you need to connect an external audio cable, please follow the instructions and guidance strictly (see Figure 1 below).

16-Pin Aviation Connector: DC 12V power supply, also supports POE power supply. Align the aviation connector with the "dot" marker before inserting; do not twist during insertion or removal.

Waterproof breather valve: Do not disassemble. Warranty is void if tampered with.

Note: Not for underwater use

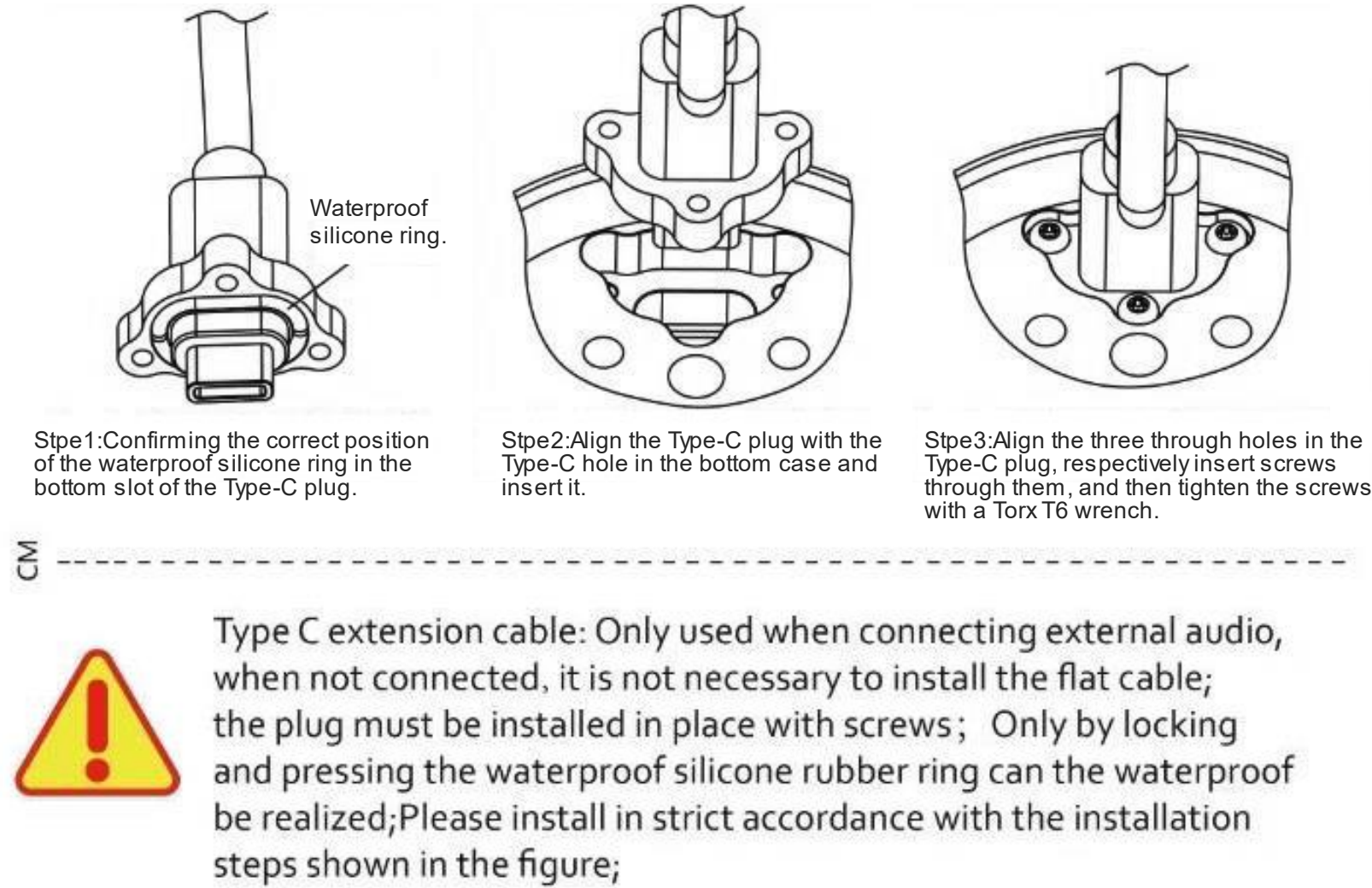
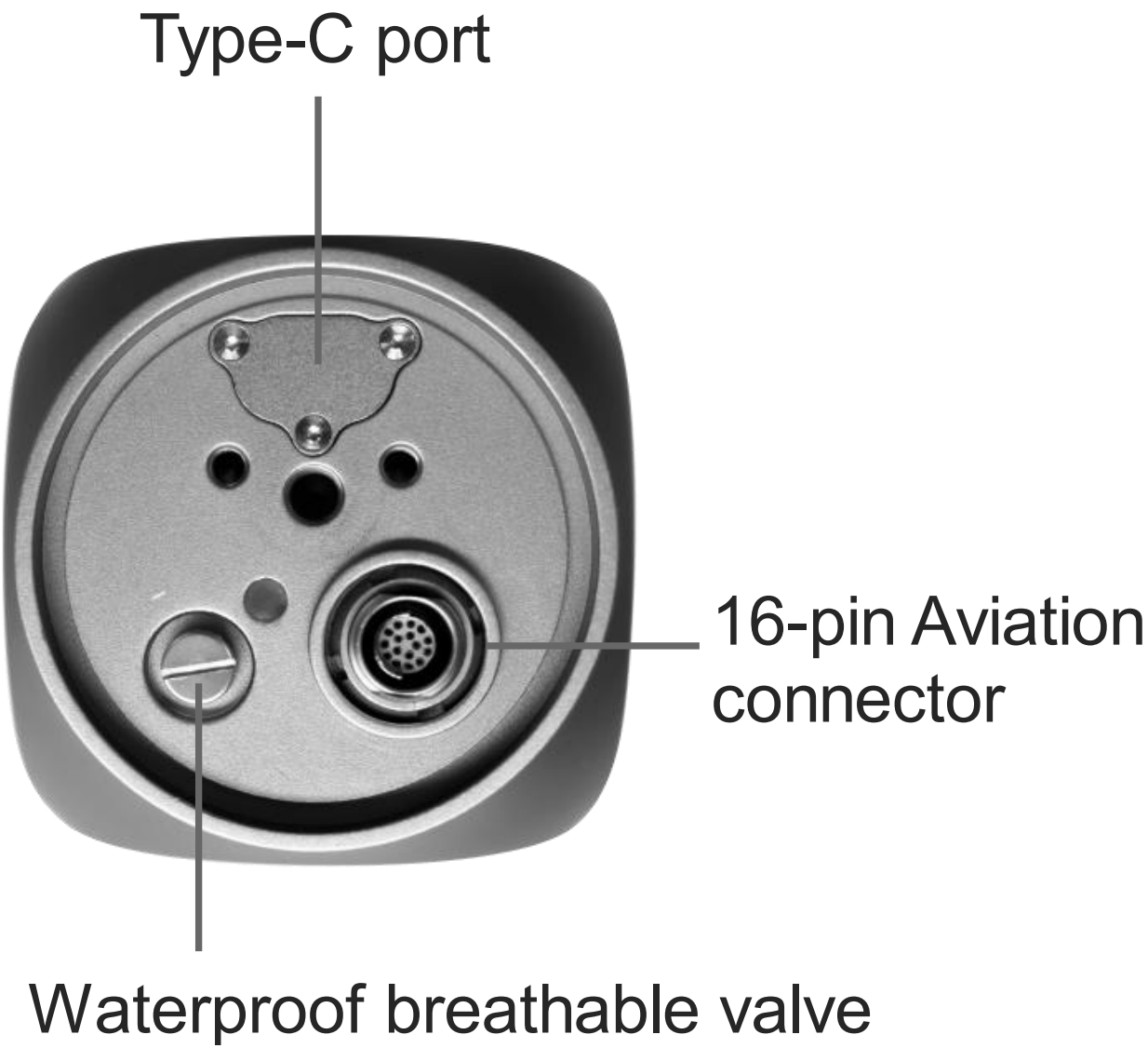


图1

b. Powering the Camera On or Off

The camera does not have a built-in battery or a power button. Connect the 16-core aviation plug to power on the camera automatically. The green indicator light indicates idle status, while the blue indicator light indicates working status.

c. Main Lens

Initial viewing angle in the panoramic image



d. Photo Shooting

(1) Mode Switching: Mode switching is performed through the camera's built-in software program.

(2) Photography: The camera supports single-shot, continuous shooting, and burst mode, which can also be controlled through the camera's built-in software program.

e. Video Recording

(1) Start Recording: Recording can be initiated using the camera's built-in software program.

(2) Stop Recording: Recording can be stopped using the camera's built-in software program.

f. Live Streaming

To start streaming, switch the camera to streaming mode and use the camera control program TECHE Center for live streaming. For detailed instructions, please refer to the TECHE Center user manual.

g. WIFI Connection

- (1) Open the network settings on your phone or PC, and search for a network with a name that includes "360Starlight".
- (2) Enter the WiFi password: teche720
- (3) Once the AP is successfully set up, you can connect the camera using the control software.



h. Connecting the Camera with the Companion Software

The camera connects to the network via Ethernet or WiFi. Ensure that the camera and your smartphone or PC are on the same network. Open the software, and it will automatically detect the camera. Click "Connect" to establish a successful connection between the camera and the app or PC program. Use the software to control the camera for shooting, recording, live streaming, and adjusting parameters. Additionally, you can perform panoramic material stitching and other related functions through the software. For detailed instructions on software usage, refer to the software manual.