TECHE

3D180VRHardwareUserGuide

Disclaimers

Please read this statement carefully. By using the 3D 180VR and its related accessories, you are deemed to fully acknowledge and accept this statement.
Before each use, please carefully inspect the camera and its related accessories. If any damage or deformation is found, please do not use them and promptly contact our customer service.

By using this camera, you acknowledge and agree that you will be fully responsible for your actions and any potential consequences arising from the use of this camera.
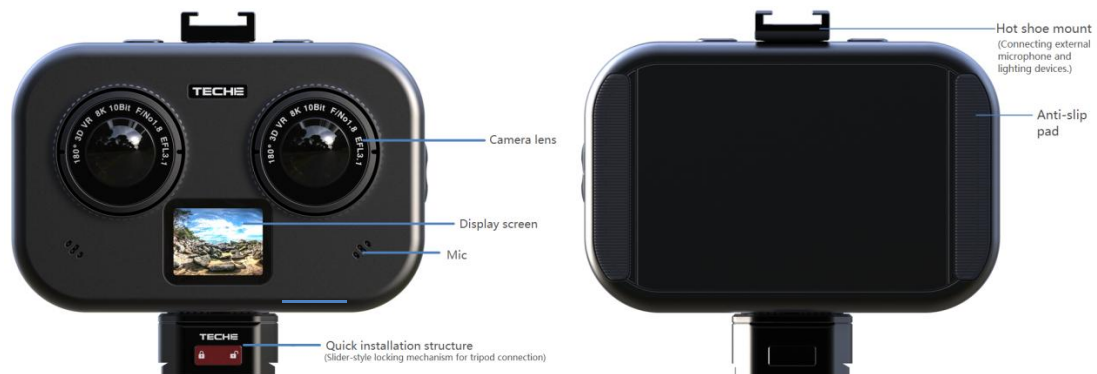
You mustpromise to use this camera only for legitimate and lawful purposes. You understand and agree that Hangzhou TECHEASY Technology Co., Ltd. (hereinafter referred to as "TECHE") shall not be liable for any misuse, adverse effects, damages, injuries, penalties, or other legal consequences directly or indirectly resulting from the use of this camera. Users should comply with the instructions for use mentioned in this document, including but not limited to the precautions mentioned.

The right to interpret and modify this commitment within the scope of national laws and regulations belongs to TECHE.

Table of contents

1. Introduction to Camera Components

- Hot shoe mount (Connecting external microphone and lighting devices.)
- Anti-slip pad
- Camera lens
- Display screen
- Mic
- Quick installation structure (Slider-style locking mechanism for tripod connection)

Reserved function

Indicator light
Capture button   Mode selection button

Power button
OFF
ON

USB port   Audio

Power cable port   Power

HDMI interface
HDMI

Ethernet interface
LAN

TF   Memory card

2. Camera Specifications

Camera model	PC0380
Camera name	3D180VR
Camera lens	2*F1.8 Fisheye lens
Camera weight	750g
Camera dimensions	138*70*91mm
Material	Aircraft-grade aluminum alloy +PC
Protection level	Not waterproof, not explosion-proof, not splash-proof.
Operating temperature	0-45℃
Sensor	CMOS 1 Inches(*2)
ISO	100-6400
Focal length	3.1mm
Camera field of view angle	181°
WiFi standard	802.11n 2*2
Power supply method	External power supply.65W
Power connector type	TYPE-C
Device power consumption	12W
Battery and battery life	3500mAhBuilt-in battery
Communication interfaces	TYPE-C /USB-A/RJ45/HDMI

Storage media	UFS
Storage capacity	512G
GPS	Not applicable
Gyro	Built-in 6-axis gyroscope.
Built-in Mic	2
External Mic	USB

3. Accessory Installation

1/4 Screw holes

Slider lock

Both the top hot shoe and the
bottom quick-loading structure are
locked by sliders to avoid damage to
the device by accidental touch

4. Camera Usage Guide

1). Camera interfaces

a)Audiointerface：For use only when connecting an external microphone, do not enable when not in use.Please strictly follow the instructions and markings to connect the external audio cable (connect the device as shown in the diagram below).

b)Powerinterface：Power supply interface for external use,

Included fast charger (65Wwith Type-C1, Type-C2, and USB interfaces).

c)TF cardinterface:

Insert the memory card into the card slot and open the camera control Appto view the internal storage status of the camera.

RecommendModel: SanDisk U3A2

Maximum supported: 512GB

2). Powering on or off the camera

Built-in 3500mAh battery with a sliding power button.

Power on operation:
The blue LED stays on, and after startup, the constant green LED indicates normal operation.

Shutdown operation:
Press the power button and wait for a moment until the screen and lights turn off automatically. This indicates that the device is turned off

Charging display:
If the red light remains solid during charging, it indicates that the device is in normal charging mode. If the red light is blinking, it indicates that the device is in thermal protection mode.

Camera light status guide:
Green light means idle state, blue light means working state.

3. The camera display screen is the right lens preview screen.

4. Camera shooting mode

（1）Switch mode: Mode switching is realized through the software program that comes with the camera

（2）Camera mode: The camera has built-in single-shot and continuous-shot modes, and the shooting function can also be realized through the camera's standard software program.

5. Camera recording mode

（1）Start recording video: To start recording, just press the capture button on the camera., It can also be done with the software program that comes standard with the camera.

（2）Stop recording video: To stop recording a video, simply press the capture button again. It can also be done with the software program that comes standard with the camera.

6. The camera turns on the live broadcast mode

The camera starts live: Switch the camera to live mode and use the TECHE Center camera control program for live broadcast, please refer to the instructions provided in the TECHE Center user manual.

7. Camera WIFI function setting

(1)To connect your mobile phone or PC to the network named "3D180VR," follow these steps:

(2)If prompted, enter the network password teche720.Wait for the device to establish a connection with the "3D180VR" network.

(3)Once connected, you should see the network name "3D180VR" appear as the active network on your phone or PC.By connecting to the "3D180VR" network, you will be able to access camera related functions and features for streaming, control and other related purposes.

8. To establish a connection between the camera and standard software, follow these steps

（1）Install the software program that came with your camera on your computer or mobile device.

（2）Make sure your camera is turned on and connected to the network

through the network port or WIFI, and make sure the camera is in the same network as the phone or PC

（3）Launch the software program on your computer or mobile device. The camera is automatically searched on the software, click Connect to successfully connect the camera to the App or PC program

（4） Use the software to shoot, record, live broadcast and parameterize the camera, as well as stitch panoramic materials.

（5）Once the connection is established, you should be able to access the camera's functions and control it through the software program.
For specific instructions on how to connect the included software to your camera, see the owner's manual or documentation that came with your camera.

FCC Caution:

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Contact information

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