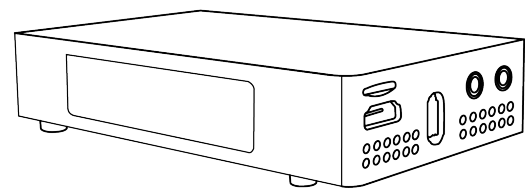


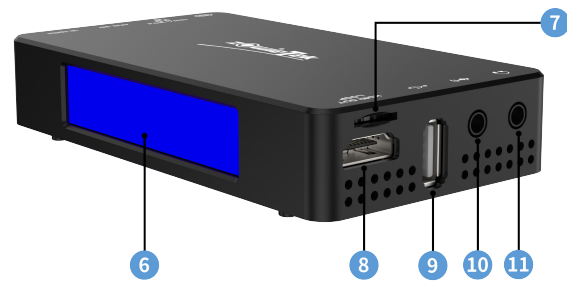


# Quick Start Guide

## 4K HDMI Video Recorder



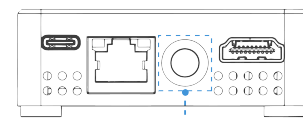
Copyright 2023, Zowietek Electronics, Ltd. All rights reserved



|   |                              |    |                   |
|---|------------------------------|----|-------------------|
| 1 | Tally                        | 7  | TF Card           |
| 2 | USB TYPE C, Power Input Only | 8  | HDMI Out/Loop Out |
| 3 | LAN/PoE+                     | 9  | USB Port          |
| 4 | DC Out*                      | 10 | Audio Input       |
| 5 | HDMI In                      | 11 | Audio Output      |
| 6 | LCD Screen                   |    |                   |

\* Note:

It is forbidden to use the DC Out interface to supply power to ZowieBox. It may damage the ZowieBox. DO NOT remove DC Out Cap before reading the instruction manual.



## 1. Packing List

| Item                     | Unit | Quantity |
|--------------------------|------|----------|
| 4K HDMI Video Recorder   | PCS  | 1        |
| USB TYPE C Power Adapter | PCS  | 1        |
| USB-C Cable              | PCS  | 1        |
| Remoter                  | PCS  | 1        |
| Quick Start Guide        | PCS  | 1        |
| Cold Shoe                | PCS  | 1        |

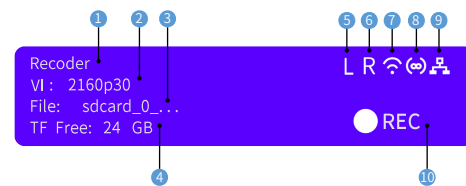
## 2. Device Interface Description



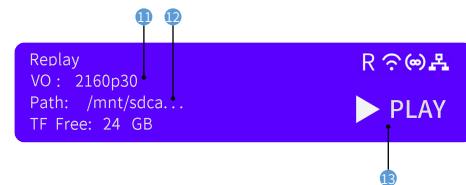
## 3. LCD Screen Information

ZowieBox will refresh the screen information according to status.

### Recorder Screen



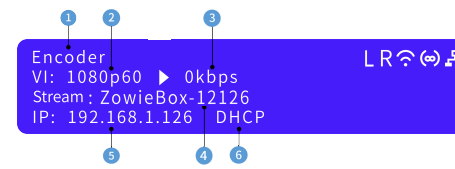
### Replay Screen



|   |                  |    |                   |
|---|------------------|----|-------------------|
| 1 | Working Mode     | 8  | Hotspot Status    |
| 2 | Input Resolution | 9  | LAN Status        |
| 3 | File Name        | 10 | Recording status  |
| 4 | Disk Free        | 11 | Output Resolution |
| 5 | Loop out         | 12 | File Path         |
| 6 | Tally color      | 13 | Replay Status     |
| 7 | WIFI Status      | 14 |                   |

When not in recording mode, the screen will display encoding and decoding information

### Encoder Screen



### Decoder Screen



|   |                          |    |                |
|---|--------------------------|----|----------------|
| 1 | Working Mode             | 8  | Memory Free    |
| 2 | Input/ Output Resolution | 9  | Disk Free      |
| 3 | Encoder/ Decoder Bitrate | 10 | Loop Out       |
| 4 | Stream Name              | 11 | Tally Color    |
| 5 | IP Address               | 12 | WIFI Status    |
| 6 | DHCP Status              | 13 | Hotspot Status |
| 7 | CPU Temperature          | 14 | LAN Status     |

Notes:

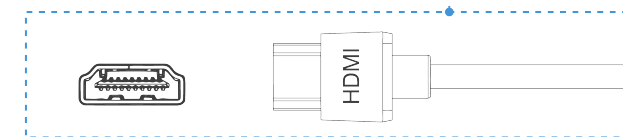
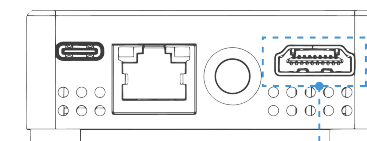
1.Recorder mode is the same as encoder mode, replay mode is the same as decoder mode.

## 4. Device Installation

### 4.1 Device Installation

#### 1) Connect Video Signal

Connect the HDMI signal from a video source (such as a camera) to the HDMI input port of the ZowieBox through a HDMI cable. Video formats and resolutions can be automatically detected by ZowieBox.



#### 2) Connect power supply

##### (1) USB-C

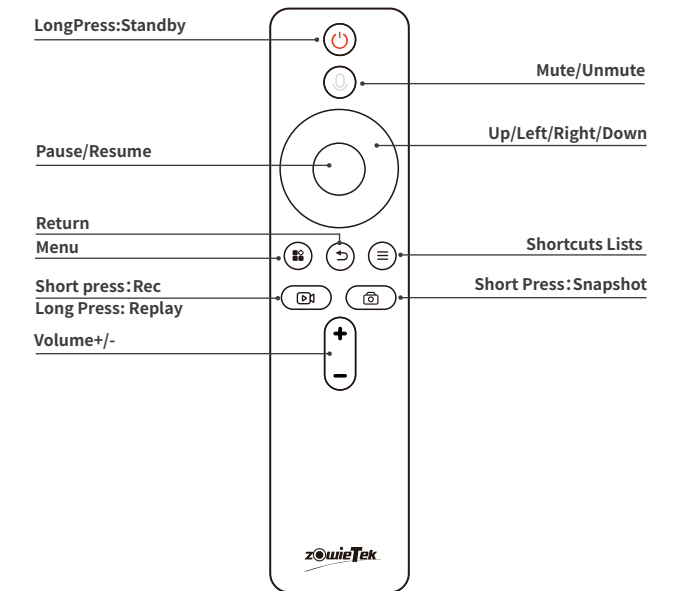
After connected with the power adapter (USB-C), the LCD Screen will be on and the ZowieBox starts working .

##### (2) PoE

ZowieBox can also be powered by Power over Ethernet (PoE/PoE+). You needn't prepare a power adapter. To take advantage of PoE, the LAN cable has to be connected to a PoE Network Switch, but at least a CAT5e LAN cable is required for PoE .

## 5. Device Operation

### 5.1 Remote control



### 5.2 Record/Snapshot

After mounting the storage device, click to Record. And click to take photos.

After the recording starts, the recording status will be displayed on the LCD screen

The storage device status will also be displayed on the LCD.



Click to view the current recording status, number of files, and remaining capacity. status will also be displayed on the LCD.

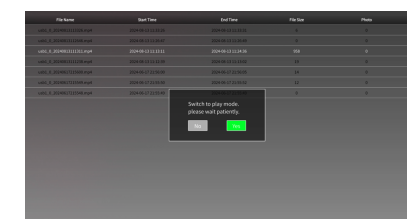
| Icon | Description      |
|------|------------------|
|      | Not recording    |
|      | Recording paused |
|      | Recording        |

### 5.3 Playback

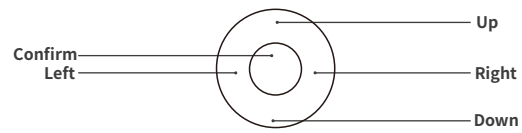
Long press to call up the recording list.

The list will display the file name, start time, end time, file size, and the number of photos taken during the recording.

Select the file to be played back and click confirm button. After confirmation, ZowieBox will enter the playback mode



After entering the playback mode, click buttons Left and Right to fast forward and rewind, and click buttons Up and Down to switch video files as shown below:



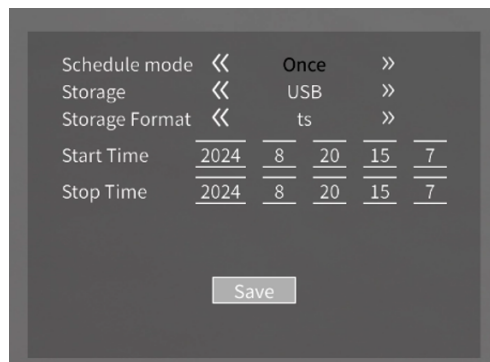
## 5.4 Schedule Recording

Click to enter the menu and select Schedule Settings, then click Add Schedule.

Select the frequency, storage device, format, and duration to be recorded, then click Save.

When setting the recording frequency, storage device, and storage format, use button 3 and 6 to move the cursor, and use button 4 and 5 to switch parameters.

When setting the recording duration, use button 4 and 5 to move the cursor, and use 3 and 6 to switch parameters.

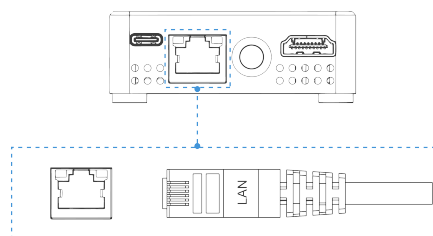


## 5.5 Advanced Settings

ZowieBox supports recording via remote control, PC, pad mobile phone. After connecting to the network, ZowieBox can also set parameters such as resolution, bit rate, etc.

### 1) Connect Network

Use a LAN cable to connect ZowieBox to a network port of network switch or network router with DHCP.



### 2) Login the WEB Console

ZowieBox provides five easy, quick ways to login into the WEB console.

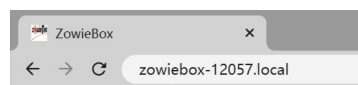
#### (1) IP Address

The ZowieBox's DHCP is turned on by default, so just find the IP address on the first screen and type IP into the browser.

#### (2) Login ZowieBox by mDNS

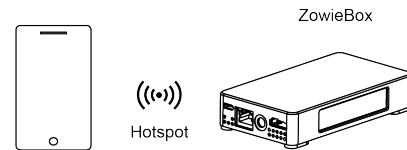
Please enter <http://ZowieBox-HDMI-xxxxx.local> in the browser of your computer or mobile phone. (mDNS URL is on the bottom of the Zowie-Box.)

**4K Video Encoder/Decoder**  
 Model: ZowieBox P/N: 30621-103  
 Input: USB TYPE C 25W DC OUT: 12V 1A Max.  
  
 BZ4114512057  
 Hotspot(SSID): ZowieBox-12057 Password: 12345678  
 Hotspot IP Addr: 170.128.88.1  
 URL: <http://ZowieBox-12057.local>  
 Fail-safe IP Addr: 192.168.5.168  
 User Name: admin Password: admin



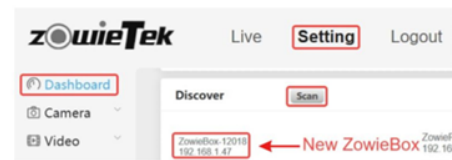
### (3) Login ZowieBox by Hotspot

Find ZowieBox's Hotspot SSID and password at the bottom of ZowieBox. After connecting to the hotspot, enter <http://170.128.88.1> in the browser to log into the Web console. When connecting to the hotspot, the phone may prompt that there is no Internet, which is normal, please continue to connect.



### (4) Login ZowieBox by Device Discover

If you already own any ZowieBox or ZowiePTZ products, you can also log into a new device by Device Discover. Log in to the Web console, click "Setting > Dashboard" to use the discover function. After clicking the "Scan" button, find the device serial number on the bottom label corresponding to the new ZowieBox and click it to quickly jump to the device's Web console.



### (5) Failsafe IP

When the connected network does not have the DHCP or directly connects ZowieBox to PC via LAN cable, or other unknown errors occur, the IP of ZowieBox will become a failsafe IP (192.168.5.168). Please add 192.168.5.x address to the computer to log in to the Web console. Please refer to the user manual for detailed settings of the PC.

#### Notes:

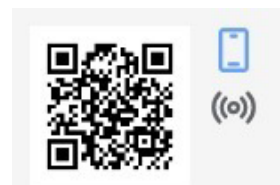
Admin Login Username: admin; Password: admin

### 3) Control Device Switching

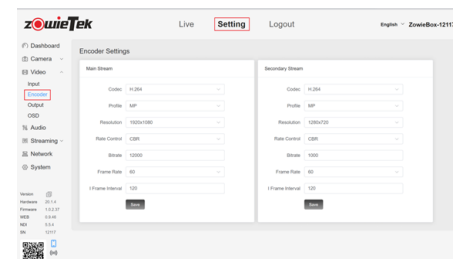
There are two ways to use a mobile phone to log in to the Web console after logging in the ZowieBox's Web from a computer.

(1) Make sure the phone is on the same LAN as the ZowieBox, then scan the first QR code to log in to the mobile Web console.

(2) Click the hotspot icon and scan the QR code that appears to connect to the hotspot. And make sure the phone is on the same hotspot as the ZowieBox. Then, scan the first QR code to log in to the mobile Web console.



4) Log in to the web console, click Setting->Video->Encoder to set the format, resolution, frame rate, bit rate and other parameters. Resolution and frame rate will be limited by the input resolution.



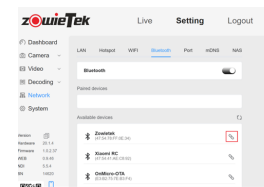
### 5) Bluetooth Remote Control Connection

By default, the Bluetooth remote control has been successfully paired with the ZowieBox.

If you need to re-pair the remote control:

1. Make sure to install batteries in the remote control.

2. Log in to the web control interface, click Setting->Network->Bluetooth, and find the Bluetooth remote control in the list of available devices. The default name of the remote control is ZowieTek. You can compare the MAC address on the remote control to identify the remote control.



3. Click the connection symbol on the right and press the and keys on the remote control at the same time.

## 6. NDI

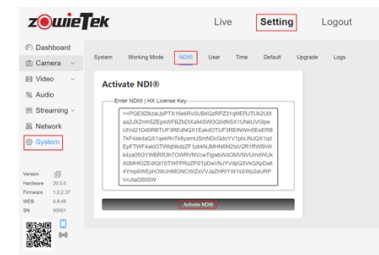
If the user needs to use the NDI function.

1. Please purchase the NDI activation code in the ZowieTek official store.

2. Log in to web console, end the relevant information of your device to customer service, as shown below:

|          |          |
|----------|----------|
| Version  |          |
| Hardware | 20.1.4   |
| Firmware | 1.0.2.37 |
| WEB      | 0.9.46   |
| NDI      | 5.5.4    |
| SN       | 14620    |

3. Click System->NDI, fill in the NDI activation code, click Activate and restart the device.



## 7. Restore Factory Setting and Reboot

1) Reboot ZowieBox:

Click "System > Default > Reboot" on the Web console to reboot ZowieBox.

2) Restoring factory setting:

Click "System > Default > Restore factory default settings" on the Web console.

#### Notes:

a. Restoring factory settings will reset all information except record, please choose carefully.

b. The username and password of login will be "admin".

## 8. Restore Initial Password

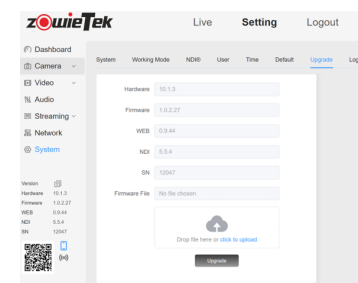
After entering the wrong password five times, click to enter the ZowieBox reset page, and a dynamic verification code will appear on the LCD screen. After entering the verification code, the ZowieBox will be restored to factory settings. Then, the username and password will be both restored to "admin".

## 9. Firmware Upgrading

1) Click "System > Update" on the Web console.

2) Choose upgrade file to upload the correct firmware file.

3) Click "Upgrade" to start the upgrade.



#### Note:

After clicking upgrade, ZowieBox will automatically upgrade the firmware and restart, and the LCD screen will also prompt the upgrade information. Please do not perform any operations or disconnect the power before the restart is complete. It may take several minutes, please be patient.

## 10. Warranty

4K NDI Video Streaming Encoder/Decoder with the highest-quality gives us the confidence to provide you with:

Hardware warranty for one year

Software warranty for lifetime

For FAQs and more information, please visit:

<https://www.zovietek.com/knowledge-base/>

<https://www.zovietek.com/>

Or you can contact us:

[support@zovietek.com](mailto:support@zovietek.com)

A professional  
 video camera, streaming, recording  
 solution provider  
 Since 2004

Zovietek Electronics, Ltd.  
 2218 Hunan Road, West Wing 1701  
 Pudong, Shanghai, China  
 PN: 30621-10X

is a registered trademark of Zovietek Electronics, Ltd.