Package Content
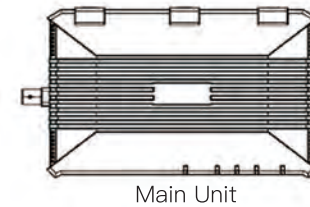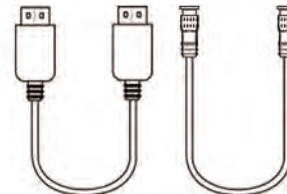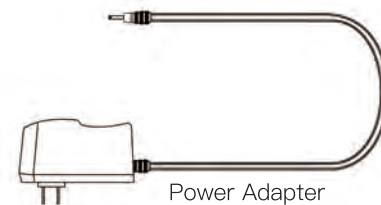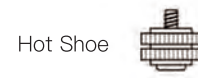
Main Unit

4G Antenna

HDMI Cable   SDI Cable

Power Adapter

Hot Shoe

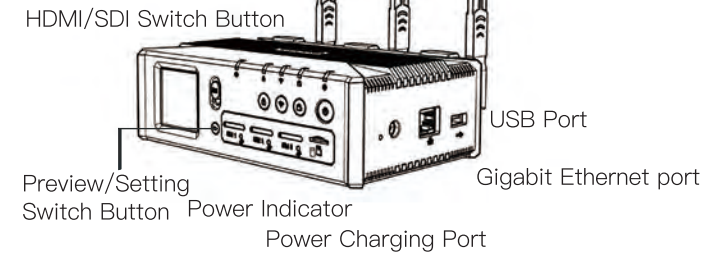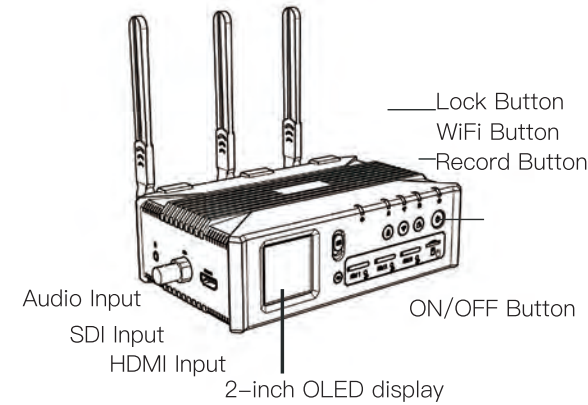Bison Fone   User Manual

Professional Video Live Streaming
Solution Provider

Quick start Guide

Panel Description

Lock Button
WiFi Button
Record Button

Audio Input
SDI Input
HDMI Input

ON/OFF Button

2-inch OLED display

HDMI/SDI Switch Button

USB Port

Gigabit Ethernet port

Preview/Setting
Switch Button   Power Indicator
Power Charging Port

● Please use the TF card which with a speed rating of Class 10 or above

⚠ Please format the TF card into different file system formats according to different TF card capacities.
● (NTFS file system format is not supported)
64G or less: formatted into FAT32 file system format
64G and above: formatted into an exFAT file system format

SIM Card Installation
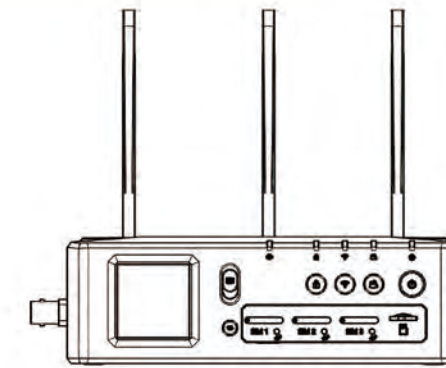
SIM Card Holder   SIM Card   TF Card

● Please use the SIM card holder that comes with the device.
● Do not disassemble the components violently

● Please follow the instruction for installation

15*25mm
SIM Card

15*12mm
SIM Card

12.3*8.8mm
SIM Card

Screen Display

⊗ Media info

📷 Video

format   HDMI:1080P60   SDI:unknown

live   resolution:848x480 frate:20   brate:800

record   resolution:1080P frate:60   brate:20480

🔊 Audio

On/Off:on   source:auto   sample rate:48K

⊕ Internet info

Net mode: unknown

4G   ↑ 0.00 kb/s

card1: unknown   unknown   ↑ 0.00 kb/s

card2: unknown   unknown   ↑ 0.00 kb/s

card3: unknown   unknown   ↑ 0.00 kb/s

WIFI   ↑ 0.00 kb/s

IP:unknown   Wifi frq:unknown

LAN   ↑ 0.00 kb/s

IP:192.168.7.158   IP type:dhcp

💻 Device info

version:2.0.2.3   TFcard:0.0/0.0GB

SN:NQ1JKHQG8W2KHVN2BSSS

tempreture:56 °C

Live info

RTMP addr:rtmp://send3.douyutv.com/live/

RTSP addr:rtsp://192.168.7.158/live/1st/livi ng_play

The specification is subjet to changing without prior notice

LED Indicator	light-on	Flicker	
		Flicker Rapidly	Flicker Slowly
ON/OFF Indicator	Power On		low Power
Charging Indicator	Red (Charging)		
4G Indicator	4G Connected		4G Connecting
Wi-Fi Indicator	Wi-Fi Connected	AP Mode	Wi-Fi disconnected, check Configuration
Record Indicator	Recording		
Lock Indicator	Locked		
Stream Indicator	Device Initialization	Streaming	Fail to Stream
RJ45 Green Indicator	Data Transimission		1000Mb/s
RJ45 Yellow Indicator			100Mb/s

WiFi indicator

Unlocking indicator

Push flow indicator

Recording indicator

Power-on indicator

4G indicator
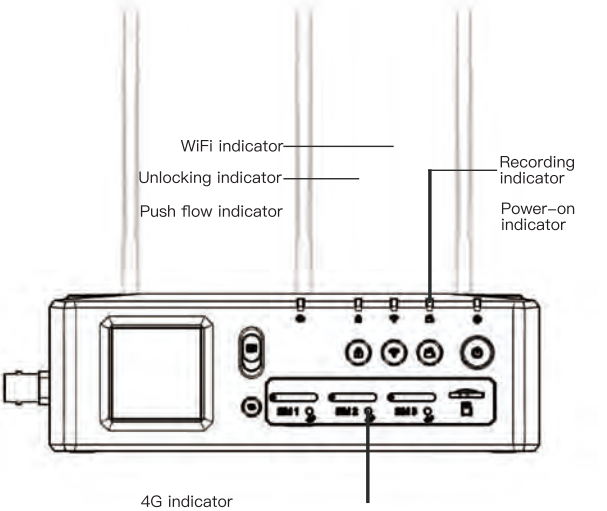
● **Step 1 Download 'M Live' APP**
IOS System : Download 'M Live' from App Store.

Android System: You can downlaod from Application Market.

⚠System Requirement: Android 5.0 or above / IOS 9.0 or above

● **Step 2 Bind the Device**
Please contact seller to get the initial account and password.
Log in M Live, click '+' at the upper right corner in MY DEVICE page, scan the Q Code which sticked at the rear of encoder,finish binding.

● **Step 3 Boot Device**
Press ON/OFF Button till the ON/OFF power indicator lights on. Then wait till the streaming indicator lights on and starts the next step.

● **Step 4 Connect Network**
The device supports 4G/RJ45/Wi-Fi network, you can select the needed network based on your Scenario.

4G: The device will search base station and connect automatically (4G Indicator will flicker), after connected, the LED will light on and it shows device online in the APP.

Wi-Fi: Press Wi-Fi button till the indicator flikers, then select Wi-Fi setting in APP and follow the instruction to configure it.

After the preview page shown, click Now Configuring, input Wi-Fi name and password. The indicator will light on after configuration.

If the Wi-Fi indicator keep flikering, it means a failure in configuration, pls check your Wi-Fi settings and press Wi-Fi button, turn off Wi-Fi, then configure the Wi-Fi again. (The device will remember the Wi-Fi name and password, you only need to press WiFi button under same Wi-Fi network and the device will connect Wi-Fi automatically)

Wired network: Before configuring, please confirm that the network can successfully access the Internet. (automatically obtain IP mode).

⚠Remark: Priority for network conection (W/O Bonding): RJ45 > Wi-Fi > 4G
No network priority under bonding mode.

⚠Remark: If your network requires an access device to statically assign IP, PPPOE Dial, or use other web authentication (such as part of the campus network),Access to the Internet will not work properly.

● **Step 5 Start Streaming**
Open M-LIVE APP, select the device that is online in the device list, click the gear icon on the upper right corner for configuration, select a third-party platform for streaming, fill in the corresponding rtmp address and click start streaming

● **Other Operations**
Power on/off: press ON/OFF button for 3s
Lock: Press Lock button for 3s
Turn off Wi-Fi: press WiFi button
Enter into AP Mode: Press Wi-Fi button for 3s
Recording: plug in TF Card, press recording button for 3s, start recording. Press again for 3s to stop recording.

● **Unbind the device**
Open M-LIVE APP, Swipe left at the setting column, then click delete to unbond the device.

⚠ Mandatory unbundling: After connect the network, press preview/setting switch button for 5s till the device beeps for 3 times.

At the same time, press record button till the device beeps. (If the device beeps for twice, it means you fail to unbond the device)

● **Firmware Upgrade**
· Online Upgrade
1.The device connected to the network
2.Open M Live App
3.Jump the page of Other Setting
4.Click device upgrade

· Offline Upgrade
1.Copy the upgrade file to TF card
2.Press the record"Key and "on/off Key
3.The device indicators will on Waiting device reboot
Note: TF card just support 64G or less and FAT 32format

Specifications	Name	Bonding Live Broadcast Video Encoder
	Video input interface	HDMI+SDI
Encoding format	video compression format	H.264/H.265+
	Audio compression standard	AAC (48K)
	Video format	MP4
	Audio input sampling rate	8kHz-192kHz
	Video input system	PAL NTSC
	Live resolution	720p: 25/30/50/60/120 fps
		1080i: 50/60 fps
		1080p: 25/30/50/60fps
		480*270 640*360
		848*480 960*540
		1280*720 1920*1080
	Video resolution	Maximum support1080p60
Video storage	Memory card type	TF card
	Memory card capacity	Supports up to 2TB
Internet function	WiFi	2.4G/5G
	4G Network	Depending on the country or region of use （Almost All global Netcom)
	SIM Card type	Nano
	Network port	Gigabit network port
Power supply	Power	DC12V ⎓ 3A
	Battery life	4 Hours
	battery capacity	8000mAh
	12W	Maximum power consumption of the whole machine
Structure weight	weight	735g
	size	162mm*102mm*53.4mm
Client Operating system	Operating system	Android5+&ios9 or above
	language	Simplified Chinese/Traditional Chinese /English
Transmission	network protocol	HLS/RTMP/RTSP
Working environment	Operating temperature	0℃-45℃
	Operating humidity	15%-85% No condensation
	Storage temperature	5℃-40℃
Display	status indication	2 inch LCD
		Indicator light