

ClonerAlliance Flint LX User Manual



ClonerAlliance Flint LX User Manual

This documentation describes how to use ClonerAlliance Flint LX (Model: CA-1080FL) device.

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Trademarks

HDML® is a registered trademark of ClonerAlliance® Inc.

Safety Notices

Before using ClonerAlliance Flint LX, please ensure that you read and understand the safety precautions below:

- 1. Do not attempt to open the case of ClonerAlliance Flint LX or modify it in any way, as this will void the warranty.
- 2. Keep ClonerAlliance Flint LX away from water and other liquids, as this may cause the unit to malfunction.
- 3. ClonerAlliance Flint LX may become warm during use. This does not indicate malfunction.
- 4. Do not place heavy objects on ClonerAlliance Flint LX, as this may cause the unit to overheat and malfunction.
- 5. If the exterior of ClonerAlliance Flint LX requires cleaning, wipe it with a soft dry cloth.
- 6. Do not dispose of the unit via conventional domestic waste.





Warning:

All ClonerAlliance products do NOT support to display or capture HDCP protected content.

According to the DMCA (Digital Millennium Copyright Act, 17 U.S.C. § 1201), it is illegal to bypass the HDCP protection by using HDMI capture devices.

If you violate the above laws, you may face a lawsuit.

CONTENTS

1	Getting Started	1
1.1	Box Contents	.1
1.2	Product Diagram	.2
2	Software Installation	4
2.1	Install and register HDML-Cloner Pro Helper (Windows Users)	.4
2.2	Install OBS Studio (Windows, Mac, and Linux Users)	.7
3	Record/capture videos to PC.	9
3.1	Connect	.9
3.2	Record/Capture for Windows users	.13
3.3	Record/Capture for Mac OS users	.19
3.4	Record/Capture for Linux users	.21
4	Record/capture game console with PC.	27
4 4.1	Record/capture game console with PC.	27 .27
4 4.1 4.2	Record/capture game console with PC. Connect. Record/capture game console videos to PC.	27 .27 .31
4 4.1 4.2 5	Record/capture game console with PC. Connect Record/capture game console videos to PC Play game console on PC without TV	27 .27 .31 32
4 4.1 4.2 5 5.1	Record/capture game console with PC. Connect. Record/capture game console videos to PC Play game console on PC without TV Connect.	27 .27 .31 32 .32
4 4.1 4.2 5 5.1 5.2	Record/capture game console with PC. Connect. Record/capture game console videos to PC Play game console on PC without TV Connect. Play game console for Windows users	27 .27 .31 .32 .32 .33
4 4.1 4.2 5 5.1 5.2 5.3	Record/capture game console with PC. Connect. Record/capture game console videos to PC. Play game console on PC without TV Connect. Play game console for Windows users. Play game console for Mindows users. Play game console for Mac OS users.	27 .27 .31 .32 .32 .33 .35
4 4.1 4.2 5 5.1 5.2 5.3 5.4	Record/capture game console with PC. Connect. Record/capture game console videos to PC Play game console on PC without TV Connect. Play game console for Windows users. Play game console for Mac OS users. Play game console for Linux users.	27 .27 .31 .32 .32 .33 .35 .37
4 4.1 4.2 5 5.1 5.2 5.3 5.4 6	Record/capture game console with PC. Connect. Record/capture game console videos to PC Play game console on PC without TV Connect. Play game console for Windows users Play game console for Mindows users Play game console for Mindows users Play game console for Mindows users Play game console for Mac OS users Play game console for Linux users Record/capture videos to mobile.	27 .27 .31 .32 .32 .33 .35 .37 43
4 4.1 4.2 5 5.1 5.2 5.3 5.4 6 6.1	Record/capture game console with PC. Connect. Record/capture game console videos to PC Play game console on PC without TV Connect. Play game console for Windows users Play game console for Mac OS users Play game console for Linux users Record/capture videos to mobile. Connect.	27 .27 .31 .32 .32 .33 .35 .37 .43 .43

7	Preview videos for live streaming.	50
7.1	Connect	.50
7.2	Install software	.51
7.3	Setting for preview video	.52
8	Frequently Asked Questions	56
9	Product Specifications	67
10	After Sales Warranty	68
11	Contact Us	69
12	Disclaimer	70

GETTING STARTED

1.1 Box Contents



- a. ClonerAlliance Flint LX
- b. USB3.0 cable
- c. USB3.0(female) to USB Type-C connector

- d. USB2.0(female) to USB Micro-B OTG cable
- e. USB2.0 Type-A female to male connector
- f. User Manual

1.2 Product Diagram



- 1. In: HDMI input port. Connect an HDMI cable between the source video player and ClonerAlliance Flint LX.
- 2. Out: HDMI output port. Connect an HDMI cable between ClonerAlliance Flint LX and TV.
- 3. LED: Stable Green indicates ClonerAlliance Flint LX is powered on and Green/Yellow blinks alternately means it is in working mode.



4. USB3.0: Connect an USB 3.0 cable between ClonerAlliance Flint LX and PC.

SOFTWARE INSTALLATION 2.1 Install and register HDML-Cloner Pro Helper (Windows Users)

1. Install HDML-Cloner Pro Helper

HDML-Cloner Pro Helper is a smart program to record video discs, game videos, homemade videos or anything from any video source under Windows OS working together with ClonerAlliance Flint LX.

- Download HDML-Cloner Pro Helper software from https://static.cloner-alliance.com/download/hdml-cloner-pro.exe
- Double click the installation file and the setup wizard window will pop up. Follow the installation wizard to complete the installation process. You do not have to restart your computer after the installation is complete.

Note: Prior to installing HDML-Cloner Pro Helper, please make sure you are using Windows 7 or later versions and your PC is equipped with USB 2.0 or 3.0 port.



2. Register HDML-Cloner Pro Helper

Please register HDML-Cloner Pro Helper first before using, otherwise it can only be used for 7 days. Launch HDML-Cloner Pro Helper. Click "Input registration code" button in the auto pop-up Register window. Fill in your proper Email address, real name and code. Then click "OK" to finish the registration.



• Obtain the registration code of HDML-Cloner Pro Helper.

Scan the QR code below to get the code directly. Or visit https://www.cloner-alliance.com/register, fill in your product S/N. You will get a registration code directly. It is advised that you input your correct email address to receive the registration code at the same time. You may use the registration code, name and your email address to register HDML-Cloner Pro Helper. MP4-Cloner will be registered automatically.

If you get trouble in the process, don't be discouraged, just send us a message to support@cloner-alliance.com with your S/N and your order ID. Our support will send you the code directly.

For more details about registering HDML-Cloner Pro Helper, visit here to read step by step instructions.



2.2 Install OBS Studio (Windows, Mac, and Linux Users)

Open Broadcaster Software is a Free and open source software for video recording and live streaming. Download and start streaming quickly and easily on Windows, Mac or Linux.

Please install Open Broadcaster Software (OBS Studio) and run it on your computer.

Tip: You can click here to download Open Broadcaster Software (OBS Studio).

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RECORD/CAPTURE VIDEOS TO PC.

3.1 Connect

- 1. Connect the video player to the "IN" port on ClonerAlliance Flint LX via an HDMI cable.
- 2. Connect the TV to the "OUTPUT" port on ClonerAlliance Flint LX via an HDMI cable.
- 3. Connect the USB3.0 cable between ClonerAlliance Flint LX and PC.



• For Windows

After all devices are connected properly, when you power on all devices, go to "Device manager", it will show "CA FLINT" under "Cameras" and "Sound, video and game controllers":



• For Linux

Connect ClonerAlliance Flint LX to PC via USB 3.0 cable, go to the "Sound/Input", it will show it as "CA Flint" in the list.



• For Mac OS

Connect ClonerAlliance Flint LX to Mac, go to "Settings/Sound/Input" it also shows "CA Flint LX Audio Device" among the list.

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Select a device for se	ound input:		
Name		Туре	
CA FLINT		USB	
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3.2 Record/Capture for Windows users

Please download HDML-Cloner Pro Helper software and install it on your PC first.

See details about Install and register HDML-Cloner Pro Helper (Windows Users)

1. After all devices are connected properly, insert the video disc into the drive of the video player and run HDML-Cloner Pro Helper.



ClonerAlliance Flint LX User Manual



Software interfaces may vary depending on the version.



HDML-Cloner Pro Helper also supports recording videos at the scheduled time. Click to enter the "Setup" window. Then click the "Schedule Recording" button.



Please enable schedule recording first, and set the Start time and duration for schedule recording. Then click "OK". Then videos will be recorded automatically at the scheduled time.

3.3 Record/Capture for Mac OS users

1. After all devices are connected properly, insert the video disc into the drive of the video player and launch Quick Time Player.



2. Set up Camera/Microphone/Quality as following:



3. You can capture your movie now.

3.4 Record/Capture for Linux users

1. After all devices are connected properly, insert the video disc into the drive of the video player and launch OBS Studio software.



2. In source column, click "+" to add video capture device:

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							Settings
							Exit
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3. Please set up as following:



4. In source column, click "+" to add audio capture device:

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Scene			t Streaming
	Device	CA FLINT, USB Audio	t Recording
	Rate	48000 Hz	idio Mode
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5. If you need to monitor the audio during preview/recording, please also modify the settings in advanced audio properties:

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6. Now you can start recording and streaming.



RECORD/CAPTURE GAME CONSOLE WITH PC.

4.1 Connect

- 1. Connect the game console to the "IN" port on ClonerAlliance Flint LX via an HDMI cable.
- 2. Connect the TV to the "OUTPUT" port on ClonerAlliance Flint LX via an HDMI cable.
- 3. Connect the USB3.0 cable between ClonerAlliance Flint LX and PC.



• For Windows

After all devices are connected properly, when you power on all devices, go to "Device manager", it will show "CA Flint" under "Cameras" and "Sound, video and game controllers":



• For Linux

Connect ClonerAlliance Flint LX to PC via USB 3.0 cable, go to the "Sound/Input", it will show it as "CA Flint" in the list.



• For Mac OS

Connect ClonerAlliance Flint LX to Mac, go to "Settings/Sound/Input" it also shows "CA Flint LX Audio Device" among the list.

	Sound Effects Output Input	
Select a device for so	und input:	
Name	Туре	
CA FLINT	USB	
Settings for the selecte	d device:	
Settings for the selecte	ad device:	-
Settings for the selecte Input vo	ed device: plume: 🖉 ———————————————————————————————————	3
Settings for the selecte Input vo Input	ad device: olume: 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
4.2 Record/capture game console videos to PC

You can see details about record/capture game console videos at Record/capture videos to PC.

PLAY GAME CONSOLE ON PC WITHOUT TV

With ClonerAlliance Flint LX, you can use your PC' s screen to play game console. No TV required.

5.1 Connect



5.2 Play game console for Windows users

Step 1:

Please download HDML-Cloner Pro Helper software and install it on your PC first.

See details about Install and register HDML-Cloner Pro Helper (Windows Users)

Step 2:

Please connect the USB cable of ClonerAlliance Flint LX to your PC.

Step 3:

Please connect game console to the HDMI port of ClonerAlliance Flint LX with HDMI cable then power up the game console.

Step 4:

Launch HDML-Cloner Pro Helper software, it will recognize ClonerAlliance Flint LX device automatically and show the game console's screen after connected.



Note:

• ClonerAlliance Flint LX device supports up to 4K input resolution, and the output will be 1080p@60fps automatically.

5.3 Play game console for Mac OS users

1. After all devices are connected properly, insert the video disc into the drive of the video player and launch Quick Time Player.



2. Please confirm the setting of Camera/Microphone/Quality as below.



3. You can capture your game now.

5.4 Play game console for Linux users

1. After all devices are connected properly, insert the video disc into the drive of the video player and launch OBS Studio software.

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				Duration 300ms	3	Studio Mode
			1			Settings
						Exit

2. In source column, click "+" to add video capture device:

0 🗇 🕘 OBS 20.1.0 (l)	nux) - Profile: Untitled	- Scenes; Untitle	d			
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				2		Settings
						Exit
+ - ^ ~	+ - • ~	~ ~	11VF- 00-00-	7 00 REC: 00:00:00	CPU: 4.2	% 60.00 fps

3. It' s recommended that to use 60pfs frame rate while game recording/streaming, please set up as following:



4. In source column, click "+" to add audio capture device:

	🝘 🐵 Properties for 'Audio Capture Device (ALSA)'	
Scenes Scene		ols t Streaming
	Device CA FLINT, USB Audio	t Recording
	Rate 48000 Hz	‡ Jdio Mode
		Settings
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	LIVE: 00:0	Cancel OK

5. If you need to monitor the audio during preview/recording, please also modify the settings in advanced audio properties:

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6. Now you can start recording and streaming.



RECORD/CAPTURE VIDEOS TO MOBILE.

• System Requirements

Android version 7.0 or above

6.1 Connect

- 1. Connect the video player to the "IN" port on ClonerAlliance Flint LX via an HDMI cable.
- 2. Connect ClonerAlliance Flint LX to Android phone with the USB2.0(female) to USB Micro-B OTG cable or USB type-A to type-C connector.
- For USB Type-C socket phone:

Please plug USB Type-C cable directly to your Android Phone.

ClonerAlliance Flint LX User Manual



• For USB Micro-B socket phone:

Please use USB Type-C (female) to USB (male) connector and Micro-B cable to connect to your Android phone.



6.2 Record/Capture with ClonerAlliance App

Step 1:

Please connect source device properly.

Step 2:

Please install Cloner Alliance APP on your phone and launch it after finishing installation. It will display source video on your phone.

Step 3:

Set up resolution, bitrate and duration (short video capture) by tapping Settings in Video capture menu as fol-

6.2. Record/Capture with ClonerAlliance App

lowing picture shows:

	🗮 🛜 📶 87% 🛢 11:57 AM
← Preview and recorder	
Video settings	ć
Resolution:	1280X720
Bitrate:	4000KBps > 🗔
Duration:	Infinity >
	2

Video Capture

- Resolution: 1920*1080; 1280*720; 720*480
- Bitrate: 100KBps-10000KBps
- Duration: 3min to infinity

Step 4:



Step 5:



PREVIEW VIDEOS FOR LIVE STREAMING.

You can use ClonerAlliance Flint LX in OBS Studio to preview/record/livestream videos, which is a popular open source software for video recording and live streaming.

7.1 Connect



- 1. IN: Connect an HDMI cable between the source video player and ClonerAlliance Flint LX.
- 2. Connect the TV to the "OUT" port on ClonerAlliance Flint LX via an HDMI cable.
- 3. Connect the USB3.0 cable between ClonerAlliance Flint LX and PC.
- 4. LED Indicator: Stable Green indicates ClonerAlliance Flint LX is powered on and Green/Yellow blinks alternately means it is in working mode.

7.2 Install software

If you want to use OBS to preview/record/livestream videos via ClonerAlliance Flint LX, you need to install both HDML-Cloner Pro Helper and OBS Studio first.

See details about Install and register HDML-Cloner Pro Helper (Windows Users)

See details about Install OBS Studio (Windows, Mac, and Linux Users)

7.3 Setting for preview video

Step 1:

Launch OBS Studio software on PC, Click "+" icon under "Sources" window, and select "Video Capture Device" :



Step 2:

Select "CA FLINT" in the drop box next to "Device" and at Set Audio Output Mode, please select "Output desktop audio (DirectSound), Audio Device to "" Digital Audio Interface(2-CA FLINT)"":



Step 3:

Please make sure the "Sample rate" in "Audio" settings is set to "48KHz".

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] (Sample Rate	48khz	
General		Channels	Stereo	
	Deskto	op Audio Device	Default	
Stream	Desktop	Audio Device 2	Disabled	
	Mic/Auxilia	rv Audio Device	Default	
Output	Mic/Auxiliary	Audio Device 2	Disabled	
	Mic/Auxiliary	Audio Device 3	Disabled	
Audio	Audio Mo	tor Dorsu Data	East	
1	Addio Me	ask Mater Tune	Cample Deak	
Video			Jumpic / Cuk	
	Video Capture Dev	vice Enable F	rush-to-mute	12
Hotkeys		Enable F	ush-to-talk	
		Push-to-talk	delay 0 ms	5
Advanced	Mie /Aun	Enable 8	ush-to-mute	
	MIC/AUX	Push-to-mu	te delay 0 ms	1
		Enable F	ush-to-talk	
		Push-to-tal	delay 0 ms	
	Desktop Audio	Enable F	ush-to-mute	
		Push-to-mu	te delay 0 ms	
		Enable F	rush-to-talk	
		Push-to-talk	delay 0 ms	1

Step 4:

Then you can start recording or streaming video:



FREQUENTLY ASKED QUESTIONS

You can visit https://www.cloner-alliance.com/faq.html at any time to view latest technical questions and answers.

Can I use multiple ClonerAlliance Flint LX devices on one PC at the same time?

Sure, both bundled software HDML-Cloner Pro Helper and OBS studio can support multiple ClonerAlliance Flint LX devices working on one PC at the same time, you just need to add and select devices individually as following:



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		Properties for " Devi Resolution/FPS Try Defaults	fideo Capture Device! ** CA RINT Configure Video Configure Croable Defigure Croable Se Quatom	1 X		
Spenies	Sources			Scene Transitions		Controls
Scene	• • Video Capture Device	Video Capture Device	0.0 d3 Fade 0.0 d0 Duration 300ms		tet	Start Streaming Start Recording Shudio Mede Settings Exit
					LIVE; O	1.00:00 REC: 00:00:00 CPU: 3.0%, 30.00 fps

You can easily distinguish each device through video preview window.

Edit View Profile Se	cene Collection Tools Help					
		Properties for 'Vid	eo Capture Device'	,	*	1
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		Resolution/PPS Type	Custom		-	
		Resolution	1920x1080		116 I	
		Video Format	Any		III.	
		YUV Color Space	Default			
		YUV Color Range	Partial			
		Buffering	Auto-Detect			A second second
			Flip Vertically			
Scenes	Sources	Audio Output Mode	Output clesktop audio (DirectSound)			Controls
не	- Video Capture Device		Use custom audio device		1.000	Start Streaming
		Audio Device	CA FLINT Audio			Start Recording Studio Mode Settings
		Destin	Eligital Audio Entertade (CA FLINT)			Fixt

And you can select an audio device for each video capture device based on the insertion order.

Does ClonerAlliance Flint LX Need Extra Power Supply?

No, ClonerAlliance Flint LX can be powered by USB port with PC.

Can I Watch The Videos On My TV When I Use ClonerAlliance Flint LX To Record The Videos?

Yes. ClonerAlliance Flint LX can pass-through HDMI video signal out to TV while recording video. You can enjoy watching

video without interruption.

What if my phone or PC doesn't have an USB micro-B socket?

Don't worry, there is a USB2.0(female) to USB Micro-B OTG cable included in the package, you can use it to connect to your Android phone.

Why Does It Only Have Sound But No Video After Switching Back To Preview Screen With ClonerAlliance Flint LX?

Please use a USB Hub to provide power supply for ClonerAlliance Flint LX independently, then it will work well.

Why Is There No Audio When Running Open Broadcaster Software(OBS) With ClonerAlliance Flint LX?

Please adjust the setting of OBS accordingly, it could be resolved easily.

Please proceed as follows:

At Set Audio Output Mode, please select "Output desktop audio (DirectSound), Audio Device to "CA Flint Audio", then click "OK":

He Edit View Profile Scene Collection Trols Help	Contraction of the second		
and the second se	Properties for 'Video Capture Device'	· - · ·	The second second
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	HPS 60		
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iceneVideo Casture Device	Fudio Chitout Mode Output desktop audio (DirectSound)		Start Streaming
	Audo Dena CA PLINT Audio		Mark Recentling

How to deal with PC doesn' t recognize ClonerAlliance Flint LX device?

Please change another USB port and re-plug in, it' ll help.

Why are audio and video out of sync when I use OBS studio with ClonerAlliance Flint LX?

Please set up as following and it will perform normally.

First, please set CA Flint LX sample rate as 48KHz.



And please make sure sample rate in OBS Studio is also set to 48KHz.

	1					
General	Sample Rate	e 48khz	*			
_	Channels	s Stereo	•			
Stream	Desktop Audio Device	e Default	•			
	Desktop Audio Device 2	2 Disabled	•			
Output	Mic/Auxiliary Audio Device	e Default	÷			
	Mic/Auxiliary Audio Device 2	2 Disabled	·			
Audio	Mic/Auxiliary Audio Device	3 Disabled				
	Video Capture Device 🗌 Enable	Push-to-mute				
Video	Push-to-m	ute delay 0 ms				
	Push-to-ta	alk delay 0 ms	¢.			
Hotkeys	n in Enable	Print-to-mute				
	Push-to-m	iute delay 0 ms				
Advanced	Enable	Push-to-talk				
	Push-to-ta	ak delay 0 ms				
	Desktop Audio	Push-to-mute				
	Push-to-m	e Push-to-talk				
	Push-to-ta	alk delay 0 ms	\$		Scene Transitions	
				0.0 dB	Fade 🔹	Start Stream
				••••	+ 🌣	Start Record
				0.0 dB	Duration 300ms	Studio Mod
				•••• •		Settings
				0.0 dB		Exit
				a a b b		
	4		OK Canada Analy			

If your video and audio are still not synchronized, please adjust video delay value in "Source-filter-Video delay(Async)" around 470ms according to your circumstance.

What is the best method to get help from ClonerAlliance?

Chatting with our professional technical support by Live Chat is the best method to solve all problems quickly and efficiently.

How to chat by Live Chat?

- 1. Please go to https://www.cloner-alliance.com/
- 2. Click the right bottom icon "Click here to chat" (Green Color).
- 3. Enter your correct name, email, and your question.

FYI. In order to help you fix your issue more efficiently. We need to know the exact batch of your hardware, please allow us to know your order information first. If you ordered it at Amazon, let us know your order ID. If your ordered it at eBay, tell me your eBay Username. From other platforms, let me know related information. Thanks very much.

Due to time difference, internet connection or any other unexpected factors, ClonerAlliance technical support may miss your chat request. Don't worry. If we missed your chat request, we will get back to you ASAP. All questions will be answered in 24 hours.

After Sales Warranty

ClonerAlliance Inc. provides 60-Day No Hassle Return(No Additional Fee) and 2-Year Replacement Warranty Service for all hardware. Please rest assure to use ClonerAlliance products.

Within 60 days of receipt of goods, if you request a refund or replacement, we will cover the shipping cost of the item(s). If it exceeds 60 days and you request a refund or replacement, the shipping cost of the item(s) will be at your expense. We will issue a refund or deliver a new item to you upon receipt of goods.
PRODUCT SPECIFICATIONS

	3840x2160(30HZ), 1920x1080
Input and Output	1280x720, 1280x1024, 1024x768, 600x1200
	800x600, 720x576, 720x480, 640x480
Recording	Up to 60 fps @ 1920x1080
Output for-	MIPEG YUY2
mat	
Video stan-	NTSC PAL
dard (input)	
Input signal	HDMI
Output sig-	HDMI (pass-through), USB 3.0
nals	
Max trans-	
mission	2Gbps
bitrate	
Bitrate	Max: 140Mbps
Weight	2.0 oz
Dimensions	3.7 x 2.2 x 0.7 inches

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CONTACT US

If you encounter any problem when using our products, please contact us by support@cloner-alliance.com or call 1-844-9-CLONER (toll free) and we will serve you with utmost satisfaction.

We'll offer a satisfying discount on batch purchase and affiliate program. If you are interested, please contact us by market@cloner-alliance.com.

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Toll free: 1-844-9-CLONER

Support Email: support@cloner-alliance.com

Market Email: market@cloner-alliance.com

www.cloner-alliance.com

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