



QUICK START GUIDE

EAGLE EYE MINI M1



www.wavlink.com/en_us/WL-WH300M

Scan the QR code or load the link for Quick Start Guide downloading

WL-WH300M



WAVLINK (@WavlinkOfficial)
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Safety Instructions

Always read the safety instructions carefully.
Keep this Quick Start Guide for future reference.
Keep this equipment away from humidity.
If any of the following situation arises, get the equipment checked by a service technician:

- The equipment has been exposed to moisture.
- The equipment has been dropped and damaged.
- The equipment has obvious sign of breakage.
- The equipment has not been working well or you cannot get it work according to quick start guide.

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WEEE Directive & Product Disposal



At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

Introduction

Experience seamless and cable-free high-definition video streaming with our EAGLE EYE MINI M1. It transmits max. 1080P@60Hz video and audio signals wirelessly max. 150m away with low latency without the limitations of traditional cables.

You can connect a variety of devices, including professional camera, laptops, gaming consoles, and more. Our product is compatible with HDMI-enabled devices, offering versatility for various applications. It supports max. 3 RXs which includes APP connections through smartphones. It can be used in various applications such as filmmaking, broadcasting, and live streaming.

In the Box

- 1 × Transmitter
- 1 × Receiver
- 2 × Power Adapter
- 1 × HDMI Cable
- 4 × Antennas
- 1 × Type-C Cable
- 1 × Bag
- 1 × Quick Start Guide

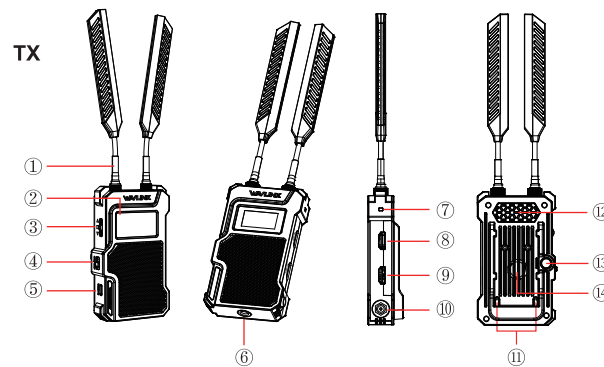
Feature

- Supports maximum 1080P@60Hz HDMI IN and Pass-Through with HDMI 1.4 interfaces.
- Supports multiple power inputs via DC IN, USB-C, and NP-F battery.
- Supports max. 150m wireless transmission distance.
- Supports mobile APP for monitoring via phones and tablets.
- Supports 0.08s latency.
- Supports manual and intelligent frequency adjustment with 8 selectable channels.

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- Supports strong and stable wireless signal transmission with Wi-Fi 802.11x technology.
- Supports USB UVC for video capture and live streaming through third-party software such as OBS.
- Supports a 1/4-inch screw hole, allowing to attach to your camera and accessories securely.

Overview



- ① High-performance Detachable Omnidirectional Antenna
- ② 1.3 inch OLED Screen
- ③ Function Toggle Button

Operation	Statement
Slide up and down	Function selection
Long press	Enter the setting menu
Short press	Confirm a function or menu selection

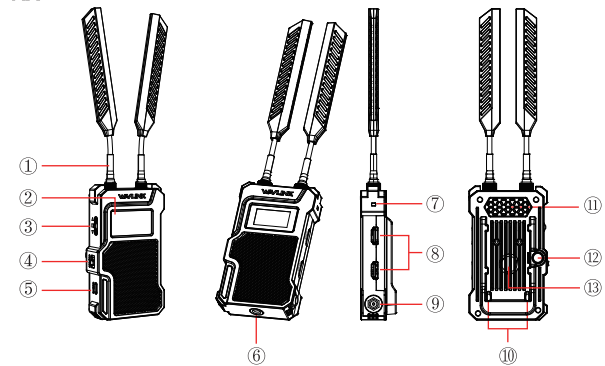
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- ④ Power ON/OFF Button
- ⑤ Type-C Port (5V/2A, OTG)

Function	Operation Instruction
Power in	Connect to the Type-C power adapter
OTG	Firmware upgrade via USB memory

- ⑥ 1/4-inch Screw Hole
- ⑦ Status LED
- ⑧ HDMI IN
- ⑨ HDMI OUT
- ⑩ DC-in
- ⑪ Battery Contact
- ⑫ Ventilation Holes for Heat Dissipation
- ⑬ Battery Button:Press to remove the battery
- ⑭ Fan

RX



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- ① High-performance Detachable Omnidirectional Antenna
- ② 1.3 inch OLED Screen
- ③ Function Toggle Button
- ④ Power ON/OFF Button
- ⑤ Type-C Port (5V/2A, OTG, UVC)

Function	Operation Instruction
Power in	Connect to the Type-C power adapter
OTG	Firmware upgrade via USB memory
UVC	Connect to a PC, allowing to capture a video from RX

- ⑥ 1/4-inch Screw Hole
- ⑦ Status LED
- ⑧ HDMI OUT
- ⑨ DC-in
- ⑩ Battery Contact
- ⑪ Ventilation Holes for Heat Dissipation
- ⑫ Battery Button:Press to remove the battery
- ⑬ Fan

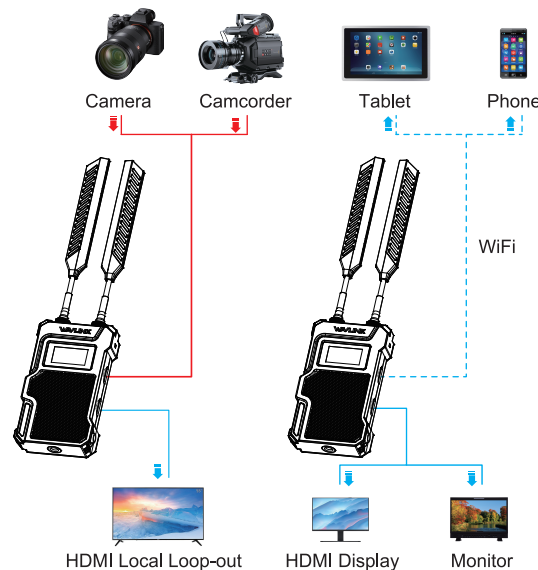
LED Indicator

LED Status	Statement
Solid Green	Green light on when starting up
Solid Red	Red light on when battery level is below 20%

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Install and Connection

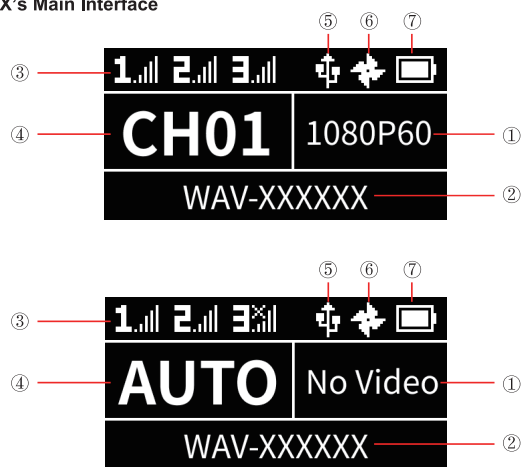
1. Attach the Antennas on the TX and RX separately.
2. Connect the Power Adapter to the DC-in port of the TX and RX.
3. Connect HDMI source (e.g., Camera, Game Console, Set-top Box, Laptop and so on) to the HDMI IN port of the TX via an HDMI cable.
4. Connect the HDMI display (e.g., Monitor/TV/Projector) to the HDMI OUT port on the TX and RX.



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Display Description

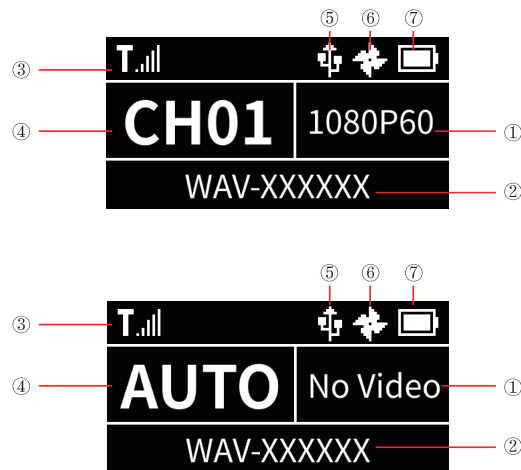
A TX's Main Interface



- ① HDMI resolution: Indicates the current video resolution
- ② SSID: WAV-XXXXXX
- ③ RX's number and signal strength, status(online/offline)
- ④ Current channel: CHXX
Channel auto-switching mode: AUTO
- ⑤ USB connection
- ⑥ Fan control is on
- ⑦ Battery level

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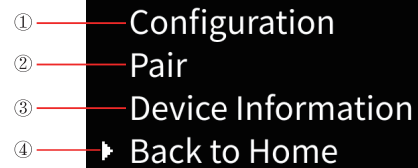
B RX's Main Interface



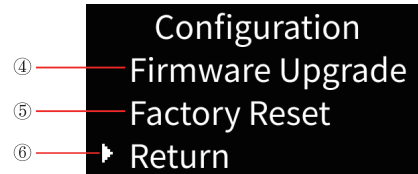
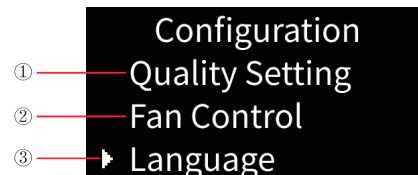
- ① HDMI resolution: Indicates the current video resolution
- ② SSID: WAV-XXXXXX
- ③ TX's signal strength, status(online/offline)
- ④ Current channel: CHXX
Channel auto-switching mode: AUTO
- ⑤ USB connection
- ⑥ Fan control is on
- ⑦ Battery level

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C Main Menu



- ① Configuration: Language, High/Low Quality Setting, Fan On/Off, Firmware Upgrade and Factory Reset
- ② Pair
- ③ Device Information: MAC Address and Software Version
- ④ Back to the Home Screen



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- ① Configuration-Quality Setting: High/Low Quality
- ② Configuration-Fan Control:Fan On/Off
- ③ Configuration-Language:Chinese/English
- ④ Configuration-Firmware Upgrade:Confirm to Upgrade the Firmware
- ⑤ Configuration-Factory Reset:Confirm to Reset
- ⑥ Configuration-Return: Return to the Previous Menu

FAQ

Q1. When the image transmission system is connected to the camera, why does the RX output no display?

- A1. It could be due to camera settings issues, or poor contact/damage to the HDMI connection. Try the following steps:
- Set the camera's HDMI resolution to 1080p/1080i.
 - Disable HDMI information display in the camera settings.
 - Turn off HDMI control in the camera settings.
 - Replace the HDMI video cable connecting the transmitter and the camera.

Q2: When the camera is connected to the image transmission system/image transmission monitor for playback, why does the camera display a black screen?

- A2: All mirrorless cameras will display a black screen when playing back.

Q3. Why does the image transmitted through the image transmission system appear pixelated/blurred?

- A3. We recommend you to toggle the control knob up and down to switch the wireless channel.

Q4. When the image transmission system is connected to a computer, how can I display the transmitted image on the computer?

- A4. Steps:
1. Connect the TX to the camera.
 2. Connect the RX's USB-C port to the USB-C port of the Computer.
 3. Open the OBS on the computer, then the computer will display the transmitted screen.

Q5. When the image transmission system is powered by an NP-F battery and a Type-C/DC adapter, can the NP-F battery be charged?

- A5. Charging the NP-F battery is not supported. The image transmission system supports three power supply methods simultaneously, and disconnecting any power source will not affect the normal operation of the system. The priority order for power supply to the image transmission system is: DC adapter, USB-C, NP-F battery.

Q6. How to upgrade the firmware?

- A6. Please refer to the Firmware Update Guide card provided by us for the detailed operations.

Q7. Why does the image transmission system sometimes have significant latency?

- A7. All wireless image transmission systems will have latency, and the latency may vary depending on the environment.

Official website: www.wavlink.com
Technical support: support@wavlink.com

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