

FUNCTION INTRODUCTION

Video Indicator Instruction

Connected	Disconnected	Pairing	Connected Normal Signal	Connected Normal Signal
Display Color	Red	Red	Green	Yellow
Condition	Flashing Slowly	Flashing Rapidly	Always on	Flashing Slowly

Video Indicator Instruction

Video Source Connection	Connected	Disconnected
Display Color	Yellow	Yellow
Condition	Always on	

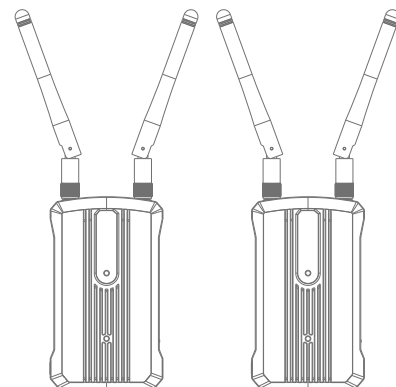
TROUBLE SHOOTING

No output on display

- Check TX and RX power first, if power supply through battery or external power source, please make sure the battery or external power source works normally;
- Check if TX antenna and RX antenna installed right and steady;
- Check if the HDMI cable is reliable;
- Finally, check if the input video format is compatible with this product specs.

Poor output video quality

- Check if the HDMI cable is reliable;
- Make sure the transmitter and receiver are placed at least 1.5 meters above the ground;
- Please check link indicator, if the light become yellow and flashing slowly, please switch to another frequency channel or shorten the distance between transmitter and receiver.



MARS 300

300FT DUAL HDMI WIRELESS HD VIDEO TRANSMISSION SYSTEM

USER MANUAL

FOLLOW US



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FCC STATEMENT

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

PACKING LIST

Transmitterx1	Hot Shoe x1
Receiver x 1	Screw Fittingx1
Antennax5	AC/DC Adapterx1
User Manualx1	

FUNCTION INTRODUCTION

■ Pairing Function

Long press the pairing button , then the link indicator will flashing red , the transmitter and receiver will enter pairing mode; When pairing successful and video is received , video indicator will become yellow , link indicator will become green and always on.

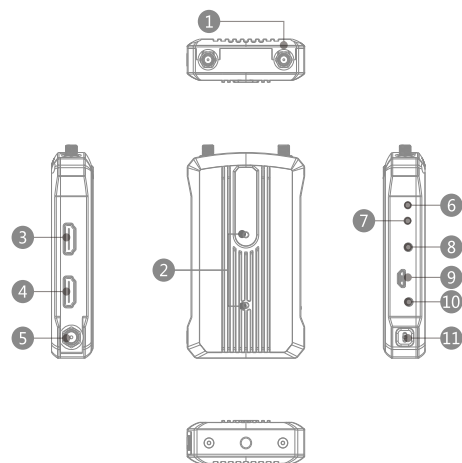
■ Channel Setting Function

Double-click channel selection button to switch channel

■ OSD Function

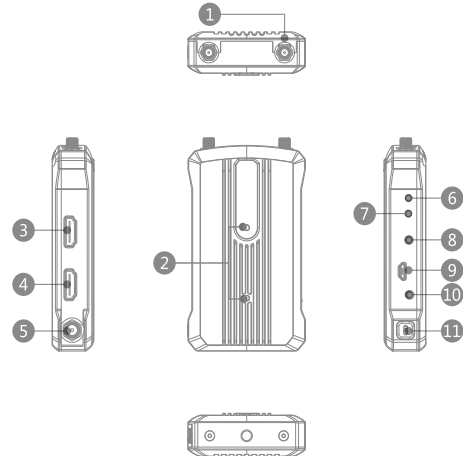
Long press channel/OSD button on receiver to callout OSD, it will display wireless parameter and version information. Single press or no-operation after 10S , OSD will disappear.

TRANSMITTER INTERFACES INTRODUCTION



- | | |
|-------------------|----------------------------|
| 1 Antenna Port | 7 Link Indicator |
| 2 Screw Fitting | 8 Channel selection button |
| 3 HDMI Loop Out | 9 USB upgrade port |
| 4 HDMI Input | 10 Pairing Button |
| 5 DC Input | 11 Power Switch |
| 6 Video Indicator | |

RECEIVER INTERFACES INTRODUCTION



- | | |
|-------------------|----------------------------|
| 1 Antenna Port | 7 Link Indicator |
| 2 Screw Fitting | 8 Channel selection button |
| 3 HDMI Output 1 | 9 USB upgrade button |
| 4 HDMI Output 2 | 10 Pairing Button |
| 5 DC Input | 11 Power Switch |
| 6 Video Indicator | |

PARAMETERS

	Transmitter	Receiver
Interface	HDMI Input Loop Out (Type A female) 2 Antenna port (RP-SMA male) DC Input, Micro USB Pairing Button, Channel Selection Button	HDMI Output 1, Output 2 (Type A female) 2 Antenna port (RP-SMA male) DC Input, Micro USB Pairing Button, Channel Selection Button
Power Supply Voltage Range	6-16V DC	6-16V DC
Power Consumption	<6W	<5W
Weight	186g	186g
Size	(L x W x H):105*62*22mm not include antennas and battery plate	(L x W x H):105*62*22mm not include antennas and battery plate
Input Video Format	HDMI: 480P@60Hz 576P@50Hz 720P@50/60Hz 1080i@50/60 Hz 1080P@30/50/60 Hz	/
Output Video Format	/	HDMI: 480P@60Hz 576P@50Hz 720P@50/60 Hz 1080i@50/60 Hz 1080P@30/50/60 Hz
Frequency Band	5GHz	
Transmission Latency	<0.1s	
Receiving Sensitivity	-80dBm	