



1KM Wireless HDMI Video Transmitter and Receiver

User Manual | VWS-K20

Specifications

Model: ADV

Interface
TX: HDMI-IN/HDMI-OUT/USB-C
RX: HDMI/USB-C

Electroplating Process: Nickel-Plated

Material: ABS

Resolution
TX: 1080P@60Hz (HDMI-OUT)
RX: 1080P@60Hz (Wireless Transmission)
Multi-Screen Mirroring: 1080P@60Hz (HDMI-OUT/Wireless)

Rated Input
TX: 5V~2A
RX: 5V~2A

Wireless Frequency: 5.8GHz

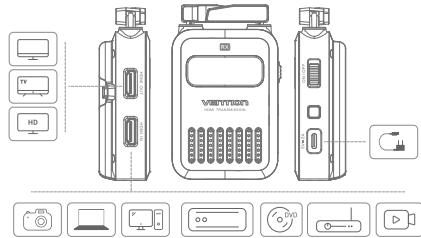
Effective Range: 1000M Max

Battery: NP-F750F 7.4V (Not included)

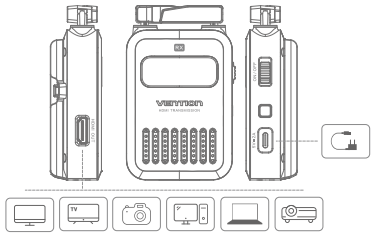
Note:
1. This product is designed to be used with a USB-C power adapter or an NP-F750F7.4 battery.
2. The USB-C power adapter connection cannot charge the NP-F750F7.4 battery.
3. The NP-F750F7.4 battery must be charged using its dedicated charging dock.

Connection Diagram

Transmitter-TX:



Receiver-RX:



What's in the Box



Wireless HDMI Video Transmitter x1 + Receiver x1



USB-C Charging Cable x2



Cold Shoe x1



User Manual x1



HDMI™

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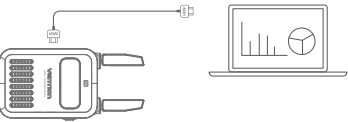
Instagram

For warranty service or support, please contact Vention team:
Website: www.ventiontech.com Email: vention@ventiontech.com

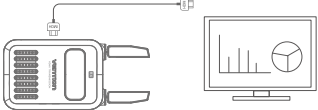
Screen Mirroring

Plug and Play

Transmitter-TX:



Receiver-RX:



Basic Functions

- Connect the HDMI source to the transmitter (TX), and connect the receiver (RX) HDMI to a display device (e.g., TV, monitor, projector, etc.).
- Power on both the transmitter (TX) and receiver (RX). When the indicator lights turn on, the system is operating normally.
- Press and hold the TX button for 5 seconds to activate Pairing Mode. Briefly press the button to cycle through available channels.

Pairing & Connection

- Use an HDMI cable to connect the receiver (RX) HDMI-OUT to the transmitter (TX) HDMI-IN.
- Once successfully paired, the screen will display "Connected". (Ensure the battery is properly installed and has sufficient power during pairing.)

FCC Statement

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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:

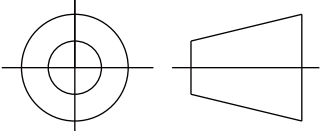
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

*RF warning for Portable device:

The device has been evaluated to meet general RF exposure requirement. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

FCC ID: 2A724-ADV

成品尺寸：70x90mm
材质：80g哑粉纸 3页 风琴折 双面印刷
蓝色印刷：C100 M:0 Y:0 K:0 参考：Pantone Process Cyan C

宁波福茂通讯科技有限公司 NINGBO FULMAN COMMUNICATION TECHNOLOGY CO.,LTD					
品名 PART NAME	ADV系列 HDMI图传收发器说明书			型号 PART MODEL	VWS-K20
设计 DESIGNER	Muzi	单位 UNIT	mm	客户代码 Client NO.	
校对 CHECK		版本 REV	A2	图号 DWG.NO.	
核准 APPR.		PAGE 页数	1/1	更新 UPDATE	2026/05/12