

WiMi 5150A

HDMI video over Wireless by H.264 with
Zero Latency(30ms)

Radio Coverage: 1,500m (5,000ft) at line of sight

Characteristics of WiMi5150A

Full HD sender & receiver

- H.264 (MPEG-4 Parts10: AVC)
- Baseline profile with level 4.2
- Zero delay (10ms), end-to-end (30ms), H.264 engine
- Transmission of 1080p60 HDMI over Wi-Fi
- Video formats of DTV and VESA Spec.

Small Form Factor

- WiMi5150A (w/ Antenna): 220 x 90 x 30 (mm), 350g
- WiMi5150A (Main Body): 80 x 90 x 30 (mm), 270g

Live streaming from DSLR, Camcorder over Wi-Fi

- Full HD live streaming server on transmitter
- RTSP streaming server (RTP/UDP)

Applications & Interfaces of WiMi5150A

Multicasting

- Max. 3 receiver for wireless
- Multiple pairs of operation at one location

Comfortable & Wide coverage of Wireless

- Wireless: up to 1,500m (5,000ft) @ line of sight in open space
- IEEE 802.11ac, 5 GHz, 11 Ch. available @ 40MHz bandwidth

Applications

- Drone/UAV Video transmission
- Wireless ENG/DSLR Camera
- Digital signage, wireless Kiosk, medical imaging

Interfaces

- HDMI: 1080p60, HDMI v1.3 compatible
- DIP switches: Selection of Wi-Fi frequency and encoding rate
- USB: Firmware update

WiMi5150AT/R



Front View

Rear View

Video & Radio of WiMi5150A

Supported Video Format

Standard	Description
DTV (NTSC/PAL)	1920x1080i50, 1920x1080i59.94, 1920x1080p24, 1920x1080p50, 1920x1080p59.94, 1280x720p50, 1280x720p59.94, 720x480i59.94, 720x480p59.94, 768x576i50, 768x576p50
VESA	UXGA(1600x1200p60), SXGA(1280x1024p60), SXGA(1280x960p60), WXGA(1280x768p60), XGA(1024x768p60), SVGA(800x600p60), VGA(640x480p60), 1080p30, 1080p50, 1080p59.94, 1080p60

Radio Specification

	Description
Wi-Fi Standard	IEEE 802.11ac, FCC/CE/Japan/KC Approval
Frequency	U-NII-1(5.15~5.25GHz), U-NII-2A(5.25~5.35GHz), U-NII-2C(5.47~5.725GHz), U-NII-3(5.725~5.85GHz)
Number of Wi-Fi Ch.	11 Wi-Fi channels @ 40MHz channel bandwidth
Transmission Distance	Up to 1,500m (5,000 ft) @ line of sight
Transmission Power	Max. 63mW (18 dBm)/chain, Total: 190mW (22.8 dBm)
Antenna	3T x 3R MIMO

Applications of WiMi5150A

