

WiMi 5200

Wireless SDI for HD/3G-SDI by H.264 with
Zero Latency(30ms)

Radio Coverage: 600m (2,000ft) at line of sight

Characteristics of WiMi5200

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 3G-SDI over Wi-Fi
- Video formats of DTV Spec.

Small Form Factor

- WiMi5200 (w/ Antenna): 258 x 68 x 25 (mm), 310g
- WiMi5200 (Main Body): 118 x 68 x 25 (mm), 260g

Live streaming from Camcorder over Wi-Fi

- Full HD live streaming over Wi-Fi

Applications & Interfaces of WiMi5200

Multi Camera Shooting

- Multiple pairs of operation at one location

Comfortable & Wide coverage of Wireless

- Wireless: up to 600m (2,000ft) @ line of sight in open space
- IEEE 802.11n, 5 GHz (12 Ch. @ 40MHz)

Applications

- Drone/UAV Video transmission
- Wireless ENG/SDI camera
- Digital signage, wireless Kiosk, medical imaging

Interfaces

- SDI input with looped SDI output
- DIP switches: Selection of Wi-Fi frequency and encoding rate
- USB: Firmware update

WiMi5200T/R



Front View (WiMi5200T/R) Rear View (WiMi5200T/R)

Video & Radio of WiMi5200

Supported Video Format

Standard	Description
SMPTE 244 (NTSC)	480i59.94 (Output: 1080i59.94)
IEC61179-5 (PAL)	576i50 (Output: 1080i50)
SMPTE 296M	720p50, 720p59.94, 720p60
SMPTE 274M	1080PsF25, 1080PsF29.97, 1080PsF30 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30 1080i50, 1080i59.94, 1080i60 1080p50, 1080p59.94, 1080p60

Radio Specification

	Description
Wi-Fi Standard	IEEE 802.11n, FCC/CE/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.	12 Wi-Fi channels @ 40MHz channel bandwidth
Transmission Distance	Up to 600m (2,000 ft) @ line of sight
Transmission Power	Max. 50mW (17 dBm)/chain, Total: 100mW (20 dBm)
Antenna	2T x 2R MIMO

Applications of WiMi5200

