

VIDEO LINK

Full HD COFDM video link provides real-time video transmission to distances over 90 km with sub-second latency. COFDM modulation allows great signal quality over long distance and in urban area. Video link system consists of digital video modulator, power amplifier, video receiver and optional low noise amplifier (LNA). Both modulator and receiver equipped with control board for stream settings – frequency, bandwidth and encryption. Transmitter has input selector for choose input interface HD-SDI or CVBS. Receiver has signal strength indicator for receive conditions monitoring and antenna tuning or directing. All our products are ITAR-free. Video link equipped with special metal case, which protect electronic components from external influence. Such system is best used for UAV or manned aircrafts, especially when you need to transmit video to the ground in broadcast mode (to multiple viewers).



Video link technical specification

Transmitter

Frequency range.....	300-860 MHz
Spread spectrum	COFDM
Modulation	16QAM/64QAM
Video compression	H.264
Input interfaces	HD-SDI, CVBS
Video format:	
SD	576@50p, 480@60p
HD/Full HD	720@60p, 1080@60p
Encryption	AES128
Output power.....	0..-16 dBm
Power	12V DC

Amplifier

Frequency range.....	575 ±15 MHz (center frequency noted in order)
Input level	0..+20dBm
Gain.....	43 dB
Output power (P1dB)	+33 dBm
Power	12V DC

Receiver

Frequency range.....	300-860 MHz
Spread spectrum	COFDM
Modulation	16QAM/64QAM
Video compression	H.264

Output interface.....HDMI, CVBS
Video format:
 SD..... 576@50p, 480@60p
 HD/Full HD 720@60p, 1080@30p
Encryption..... AES128
Sensitivity-95 dBm
Power12V DC