

BROADCAST COFDM HD VIDEO TRANSMITTER MODEL: CAML-H.265-TX



The H.265 COFDM multi-channel IP video transmitter adopts the latest COFDM modulation and H.265 video coding technology, enable to support 4 channel IP inputs and digital video interfaces (HDMI/SDI/CVBS), and capable for nonline - of sight (NLOS) transmission. The module has achieved effective improvements in improving coding efficiency, reducing coding delay, algorithm optimization, antierro rate and the image quality which achieves the best image compression effect. Support narrowband(1MHz), low latency, transparent data transmission which can help you to achieve a long-distance multi-channel simultaneous transmission by connecting a single transmitter in single frequency.

MAIN ADVANTAGES

- H.265 high efficiency full 1080p compression encoding
- Triple video interfaces HDMI/SDI/CVBS
- COFDM modulation technology
- Support 4-channel IP video stream simultaneous transmission
- Full-band / ultra-narrow band / multi-bandwidth (1M/2M/4M/8M)
- Transparent network protocol and high capacity of transfer rate
- Support configuration preset
- Support 128-bit dynamic AES encryption
- Highly integrated modular design
- Small size, light weight, portable
- Strong heat dissipation with heat sink type of aluminum housing

GENERAL CHARACTERISTICS

PARAMETERS	
Working voltage V	DC 6~17V
Working current A	1.5A-1.9A
Frequency	300MH~2500MHz (customized)
RF Bandwidth	Select at 1/2/4/8M
Video input	SDI/HDMI/CVBS
UATR	transparent TTL serial one-waydata transmission
LAN	4 UDP ports
Transfer rate	30Mbits/S_RJ45 & 115200bps_RS232
Encryption	128-bit dynamic AES
FEC	1/2,2/3,3/4,5/6,7/8
Guard Interval	1/32,1/16,1/8,1/4
Video compression	H.265
Modulation	COFDM,QPSK,QAM16,QAM64
RF output	IPX
Parameter settings	Through an external control panel

