

RF-300G H.264



The RF-300G H.264 Transmitter from RF-VIDEO is a rugged, Standard or High Definition digital video transmitter, ideal for law enforcement surveillance applications. The H.264 Transmitter can operate in a variety of transmission bandwidths allowing the user to trade off image quality against range to suit all types of applications. Excellent range, performance in the ultra-efficient H.264 encoding . This enables users to maximize usage of limited RF spectrum as 2 or 3 cameras can occupy the bandwidth previously required by a single MPEG2 system. All modes of DVB-T modulation are also supported. The increased compression and efficiency of the MPEG4 H.264 encoder offers users additional range with the added benefit of small size, low latency and low power consumption. In particular, HD transmission is possible using 40% lower bitrates than conventional MPEG2 systems, enabling true HD transmission in a single 8MHz DVB-T channel whilst using robust modulation settings. Able to transmit images in a non-line of sight urban environment up to 1 – 1.5 km depending on mode and frequency, the transmitter can achieve even further range with an optional booster PA. The RF-300G transmitter features for concealed carry there is a special elastic belt that hosts the transmitter and extra battery.

Features:

- * A very wide range of frequencies from 100 MHz to 2500 MHz
- * Power out for cameras 5 or 12 V
- * Micro SD card input for software update
- * Configurability any settings
- * Composite video audio input
- * HDMI input with embedded audio input
- * UART data input and output
- * USB Control from PC GUI
- * Remote Control

Specifications:

Modulation	QPSK, 16QAM, 64QAM
Out power max.	25dBm / 350 mW
Guard interval	1/32, 1/16, 1/8, 1/4
Bit-rates	1Mbps to 30Mbps
Encryption	AES128 / RF Key
FEC	1/2, 2/3, 3/4, 5/6, 7/8
Compression Type	AVC/H.264
Image resolution	480/720/1080P
Image FPS	25/50/60
Dimension	100 * 110 * 30 mm
Out DC Power in AV	5 or 12 V / 250 mA
DC power	12V / 900 mA
Wight	350 g

Any settings are configurable.

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