

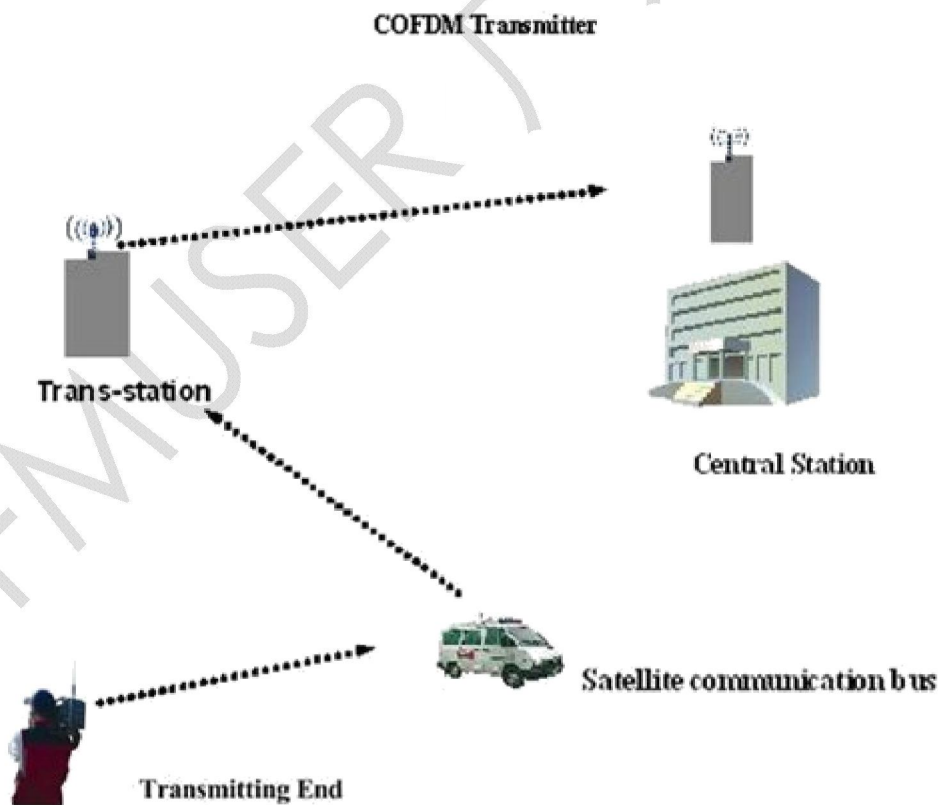
# FUTV8201HE-2 H.264 SD Portable Digital Image Wireless



## Outline

This product is a high performance and cost-effective, convenient transmitter. It combines with TV camera, and used for short-distance (1-3km) transmitting live image to the satellite communication bus then

the satellite communication car transmit the A/V to the transmission station. It's convenient used for some far-away places where communication signal cannot directly cover it. Wireless digital image transmission system equipment with advanced OFDM modulation and demodulation techniques. Information encoding and decoding technology, combined with digital image compression such as MPEG/2MPEG4/H.264 transmission technology which can achieve real-time report about video, voice, data, broadband multimedia services under high-speed mobile environment. Our products are mainly used in public security, fire protection, traffic police, civil air defense and other emergency, television transmission, city law enforcement, environmental monitoring, water flood, maritime surveillance inspections, Customs and Border Protection, terminal monitoring, oil security, mobile office.



## Feature

- | Support mobile transmission
- | Strong Anti-multipath interference ability, strong non-line-of-sight transmission function
- | High frequency amplifier adopts automatic control technology, energy saving.
- | The use of advanced COFDM digital modulation and demodulation techniques ,as well as audio and video compression technologies to achieve high-quality transmission effects.
- | Support large input voltage range ,high efficiency ,and low power consumption
- | Support CVBS and SDI input (optional)
- | Small, portable , and easy to operate
- | SD mode. Easy to carry and flexible in using . Applicable to the complex and volatile external environment terrain
- | Real-time video transmission:
- | High-speed mobile communication .
- | With secure encryption, small size, light weight, high reliability easy installation , easy operation,support the work of the day.
- | A maximum of 5 different channels can be simultaneously used in the same location.

## Specification

Central Frequency	320~360Mhz,600~860Mhz
Modulation Standard	COFDM
Carrier	2K
Modulation Mode	QPSK

Compressed Format	H.264/MPEG4 AVC
Output Power	1W
Battery life	18 hours (alkaline)
Accessory	Neck strap ...1
Transmission Distance	2-3Km
Channel Bandwidth	8MHz,2/4/6Mhz(optional)
Video Data Rate	4.5Mbps (when 8Mhz BW)
Bit Error Rate	$10^{-8}$
Video format	CVBS,SDI(optional)
Audio format	Stereo
Video Resolution	720*576 i, 720*480i
MTBF	10000 hours
Operating Voltage	DC10V-16V
Operating Temperature	-30C--+50C
Operating Humidity	Relative humidity 85%
Dimension	180mm*110mm*88mm
Weight	1.8 Kg