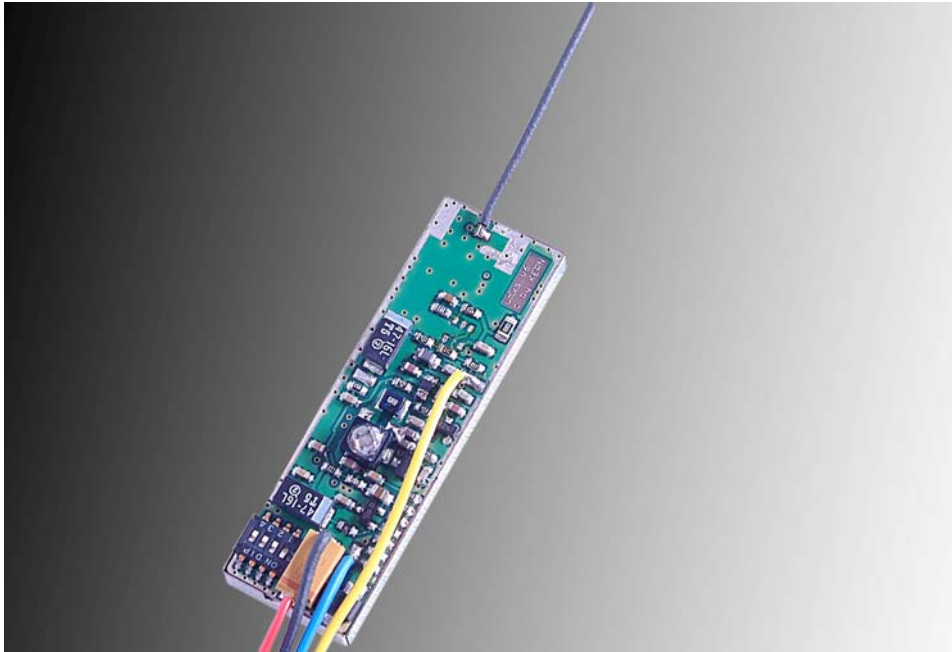




UMVS 16 Channels 2,4 GHz Video/Audio



**Miniaturized,
analogue
Video/Audio
Transmitter-Module**

Main Features:

- ▶ 16 channels
- ▶ Microprocessor controlled frequency-selection
- ▶ 10 mW transmitter power
- ▶ Frequency PLL stabilized
- ▶ Optional encoding available
- ▶ Optional with connector to amplifier
- ▶ Rugged and lightweight
- ▶ Ideal for Receiver RX 16 und/oder 2,4GHz Diversity Receiver
- ▶ Additional frequencies on request
- ▶ „Made in Germany“

Applications:

Ideal for video transmission from remotely piloted, unmanned aerial vehicles (RPVs). Customized modules, are used as Video-Assist-Systems for Broadcast- and Cine Camera applications. Gaze data as video transmitted from a Head-Unit to the Diversity Receiver. From there, the data is forwarded to the recording PC and is shown on the graphical user interface. Additional applications in the area of surveillance technique. Further samples of use are dedicated hobbyists in the range of model railway or model aircrafts.

Specifications:

ISM-Band: 2,4000 GHz – 2,4835 GHz (additional frequencies on demand)

Transmitter Specifications:

Transmission power: 10 mW
Modulation: FM
Channels: 16
Antenna: Omnidirectional

Video Specification:

1 x Composite Video (CVBS): 1V_{pp} / 75Ω

Audio Specification:

Audio Eingang: Line Level

Transmitting Range:

Indoor: Approx. 30 m, depends on wall construction
Outdoor: Approx. 300 m, in line of sight of transmitter and receiver antennas

Physical Specification:

Size/Weight: 50 x 15 x 9 mm, 10 g
Operating Conditions: -25 °C... +85 °C, 95% Humidity not condensing
Power supply: 7,5 V – 12 V
Current consumption: < 200 mA

Additional:

Alternative Antenna connector: SMA
Encryption: On demand

Order informations:

Standard version: A100-51510
With encryption: A100-51510 D

Additional versions on demand