

**5.8GHZ SYSTEMS**

# Wireless Audio & Video Transmission System

**5,8GHz  
for up to 2km**



## **TCO 5807h**

**TCO5807h** is an outdoor wireless video transmission system operating within free ISM 5725MHz - 5875MHz band. It is designed for wireless audio and video transmission for industrial television. It operates with any CCTV camera or DVR, transmitting video signal for up to 2km.

Microwave radiolinks **TCO5807h** were designed to replace old generation 2.4GHz sets, ensuring much better picture quality and stable work, free from any industrial interference.

The possibility of using up to 7 independent video channels makes the set suitable for almost each video monitoring system.

**TCO5807h** has high picture quality comparable with cable systems, small dimensions, very fast and easy installation and an affordable price.



Certificate CE No. 1471



- CCTV cameras
- DVRs and multiplexers
- 7 independent video channels and variable polarity
- stable, high quality PAL transmission
- directional antennas ensuring stable work
- up to 2 km operation range
- in case of lack of „line of sight“, signal repeating and range of work extension is possible
- transmission free from industrial interference, internet 802.11, Bluetooth, radio telephony etc.
- real time transmission, no delays or signal loss
- small dimensions
- easy to install and maintenance - free
- IP65 outdoor housing with integrated antennas



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## TCO 5807h



Operation frequency	5725MHz to 5875MHz
Power	<25mW; 14 dBm
Range	2km
Receiver sensitivity	- 85 dBm
Impedance	50 Ω
Modulation	FM
No. of channels	7 (set for good)
Video format	PAL or NTSC
Video connectors	(75 Ohm , 1 Volt p-p)
Audio Stereo	(600 Ohm , 3 Volt p-p)
Sound transmission frequency	50Hz to 15kHz
Power supply	10 - 12V / 350mA DC
Operation temperature	- 20 - 55°C
Dimensions	80x130x75mm
Application	outdoor

### TCO5807h set consists of:

- Transmitter with integrated directional antenna x 1 pc.
- Receiver with integrated directional antenna x 1 pc.
- Mast mount 35-50mm x 2 pcs.
- User's Manual and Conformity Declaration.

Video systems work in point - point configuration, what means one TCO5807h set for each camera.

For 1 camera: TCO5807h x 1 set  
 For 3 cameras: TCO5807h x 3 sets  
 For 8 cameras: TCO5807h x 8 sets