



microwapp™ 2401_{PM}

Microwave link on 24 GHz, simplex, one-channel

Microwapp 2401pm is a simplex microwave link designed for one-channel transmission of A/V signals with direct FM modulation on distances up to 4km at a direct visibility. Microwapp 2404pm microwave link can handle one video and one audio signal at a time. Optional tamper module could be ordered for microwave link which sends information about sabotage on mw link or camera.

Microwave link is supplied with dish antennas of 350 mm diameter with radome. For longer distance transmissions it is possible to order dish antennas up to 900mm in diameter for the RX unit.

Microwapp 2401pm comprises one transmitter and one receiver unit. With each unit, dish antennas of 350mm diameter are provided. Modulator is integrated in outdoor TX unit. Microwave links are supplied with operating parameters set by manufacturer and burnt-in.

Systems comply with the declaration of conformity based on NV 426/2000 Sb. Regulation for radio and telecommunication equipment.

Use: in urban camera systems or generally for transmitting the A/V signals (CCTV).

Specifications

Frequency Range:	24.00- 24.250 GHz	Vcomplies with VO-R/14/08.2005-26, no fee.
Channel number:	up to 20	bandwidth 28 MHz (user-configurable)
Transmitted channels:	Audio, 0.755 Vef *optional Video, 1 Vpp/75 Ohms, PAL, 625 lines Tamper, (logic signal NC - optional) *optional	
Modulation:	FM, 14 MHz deviation, 28 MHz bandwidth	
Frequency Stability:	better than 50 ppm	
Transmitter Power:	up to 100 mW EIRP	
Polarization:	H or V	
Operation Temperature:	-25 to +50 deg.C	
Radio Range:	350 mm parabolic antenna, 2 km 600 mm parabolic antenna, 3 km 900 mm parabolic antenna, 4 km	
AC Power:	230 V, 50 Hz, 35 W ; TX, 12-18 VDC, 900 mA, RX, 12 18VDC, 110 mA	
Unit Size:	Transmitter, 230 x 200 x 140 mm, weight 5 kg Receiver, 230 x200 x 140 mm, weight 4 kg	

edit 09_2007

microwapp 2401PM

