

WE VT-300

100mW 320MHz – 420MHz Audio/Video Transmitter

The VT 300 is a high quality video and audio transmitter using VHF and UHF FM frequencies for transmission of color or black & white images.

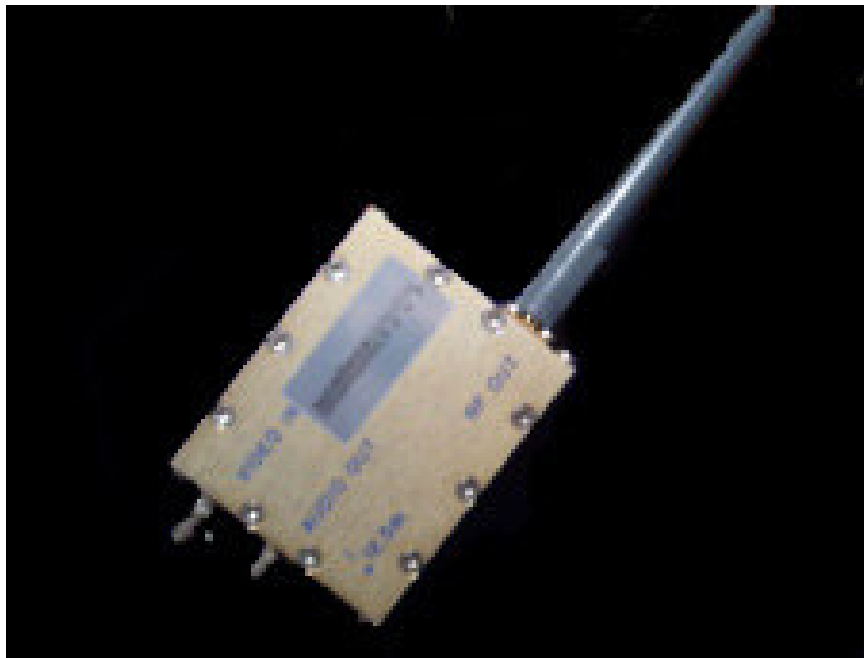
The VT 300 has 16 pre-programmed channels operating between 320 – 440MHz.

The output power of 100 mW provides a transmission distance of several kilometers in combination with a high gain directional antenna.

The VT 300 may be linked with any video cameras and, when linked with the SCG-CV 300 up-converter, it can be used with WiseEye standard VRC 1000 microwave receiver.

The SCG-CV 300 up-converter is fitted with filters to reject TV, FM and cellphone transmissions.

Using VHF/UHF frequencies, the VT 300 is especially suited to installations where line of sight is difficult to obtain.



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WISE EYE

Integrated Security Solutions

Specification:

Range of operational frequencies	320–380MHz & 400–440MHz with 16 adjustable channels in steps of 4MHz (4.5MHz for 400–440MHz), adjustable with external rotary switch
Frequency stability	± 50kHz
Output power	100 mW
Carrier deviation video	± 4MHz (FM)
Video input level	1Vpp into 75 Ohm (without pre-emphasis)
Passband video	50 Hz – 5 MHz ±3 dB
Audio deviation	5.5MHz (7.5 MHz on request)
Passband audio	50 Hz – 10 kHz ± 3dB (with pre-emphasis)
Audio input	100mV (LINE) - 2V into 5 kOhm (MIC) for electret microphones
Power supply	11 – 14 Vdc, current 220 mA
Dimensions	52 mm x 64 mm x 23 mm
Range of operational temperatures	0 – 50° C
Weight	150 g
RF connector	SMA female
Video connector	BNC female
Audio connector	RCA female
Supply connector	2 pin polarised
SCG-CV 300 Up-converter Specifications:	
Power	LINE fed from receiver
OL frequency	800 MHz
NF	4.5 dB ± 1 dB
Gain	15 dB ± 3 dB, 2 pole input filter is included to avoid interference

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