

TECHNICAL SPECIFICATION

Parameter	Specification
Transmit Frequency	2.4GHz(2400MHz) ISM band 2.4000 to 2.4835 GHz No license required
Transmit Power	+10 dBm
Receiver Sensitivity	-95 dB μ V
No. of simultaneous transit frequencies	Up to 4 units in same area
Channel 1	2414 MHz
Channel 2	2434 MHz
Channel 3	2450MHz
Channel 4	2468 MHz
Channel selection	Slide/Rotary/Tact switch channel select
Video modulation type	FM modulation
Audio modulation type	FM modulation left/right subcarriers
Range of operation	0 to 100 meters through walls and floors
No. of video channel	1 video channel
Video performance specification	
Frequency response	6 MHz (NTSC and PAL available)
Line solution	> 525
Signal to noise (uniform weighting)	> 55dB @ 25 meters > 45dB @ 100 meters
Video interface	
Transmit input level	1Vp-p (baseband video)
Transmit input impedance	75 Ohm
Receive output level	1Vp-p (baseband video)
Receive output impedance	50 Ohm
No. of audio channel	Stereo (left and right)
Audio performance specification	
Frequency response	50Hz to 22KHz
Signal to noise ratio	> 48dB @ 25 meters > 45dB @ 100 meters
Channel separation	> 52dB (left to right channel isolation)
Total harmonic distortion noise	\leq 1%
Phase response	Linear phase maintains Pro-logic signal
Audio interface	
Transmit left and right input	Unbalance, high impedance 1Vp-p
Receive left and right output	Unbalance, high impedance 1Vp-p
Power TX	
Operating voltage	5 VDC
Current (typical)	85mA
Power RX	
Operating voltage	5 VDC
Current (typical)	195mA
Operating temperature	0 ~ 60°C ambient temperature