



AR-2000

SPECIAL VIDEO RECEIVER FOR MONITORING UP TO 7.2 GHz BAND

This special Wideband receiver will give you opportunity to monitor any frequency from 25 MHz- 7.2 GHz using special Low-noise down converter. This monitor has built-in a spectrum analyzer up to 3 GHz with possibility of monitoring a video band. This receiver- monitor is perfect for searching hidden wireless cameras. It is fully portable, extremely sensitive and easy to use. There are several options available depends on frequency band.
Recommended for Government agencies or Law enforcement.
Dimensions: 8.7 " X 4.7 " X 7.7 ".



Models: **AR-2000/6G** Special model with Low-noise down converter for monitoring frequencies from 5.5 GHz- 6 GHz

Model: **AR-2000/7.2G** Special model with Low-noise down converter for monitoring frequencies from 6.5 GHz- 7.2 GHz

Technical Specifications	
Frequency range:	25 ~ 3,000 MHz (no gap)*
Receive modes:	AM/NFM/WFM/SFM
Receiver configuration:	Triple conversion super heterodyne
IF frequency:	1st : 255.3 / 744.3 MHz 2nd : 10.7 MHz 3rd : 455 KHz
Sensitivity:	25MHz ~ 225MHz: NFM: 0.35uV (12dB SINAD) AM: 0.6uV (10dB S/N) WFM: 2.0uV (12dB SINAD) 225MHz ~ 1.7GHz: NFM: 0.35uV (12dB SINAD) AM: 0.8uV (10dB S/N) WFM: 2.0uV (12dB SINAD) 1.7GHz ~ 2.7GHz: NFM: 0.6uV (12dB SINAD) 2.7GHz ~ 3GHz: NFM: 1.5uV (12dB SINAD)
IP3:	25MHz ~ 225MHz: +1.0dBm 225MHz ~ 1.7GHz: +1.0dBm 1.7GHz ~ 2.7GHz: +1.0dBm 2.7GHz ~ 3GHz: +1.0dBm
S/N:	25MHz ~ 225MHz: 40dB 225MHz ~ 1.7GHz: 35dB 1.7GHz ~ 2.7GHz: 32dB 2.7GHz ~ 3GHz: 30dB
Frequency stability:	+/- 1ppm (32 ~ 122 degrees F)
LCD:	5 inches TFT color LCD
Memory channels:	1,000

Search banks:	40
Pass channel memory:	1,600
Priority channel:	1
Operation mode:	Spectrum mode Step resolution mode Channel scope mode
Resolution Band Width:	4, 32, 64, 128 KHz
Input Impedance:	50 ohm
Audio output:	1.2watts (@8 ohm) 10% THD
Speaker:	External
PC interface:	RS-232C, USB
Power requirements:	12 ~ 16V DC @ 1.4 amps (at 1watt audio output)
Control keys:	26 keys, one (1) dial
Operating Temperature:	32 ~ 122 degrees F
Dimensions:	220 (W) x 120 (H) x 195 (D) (mm) 8.7 (W) x 4.7 (H) x 7.7 (D) (inches) (Projections not included)
Weight:	3.3 Kg (7.4lbs)
Frequency range:	25 ~ 3,000 MHz (no gap)*