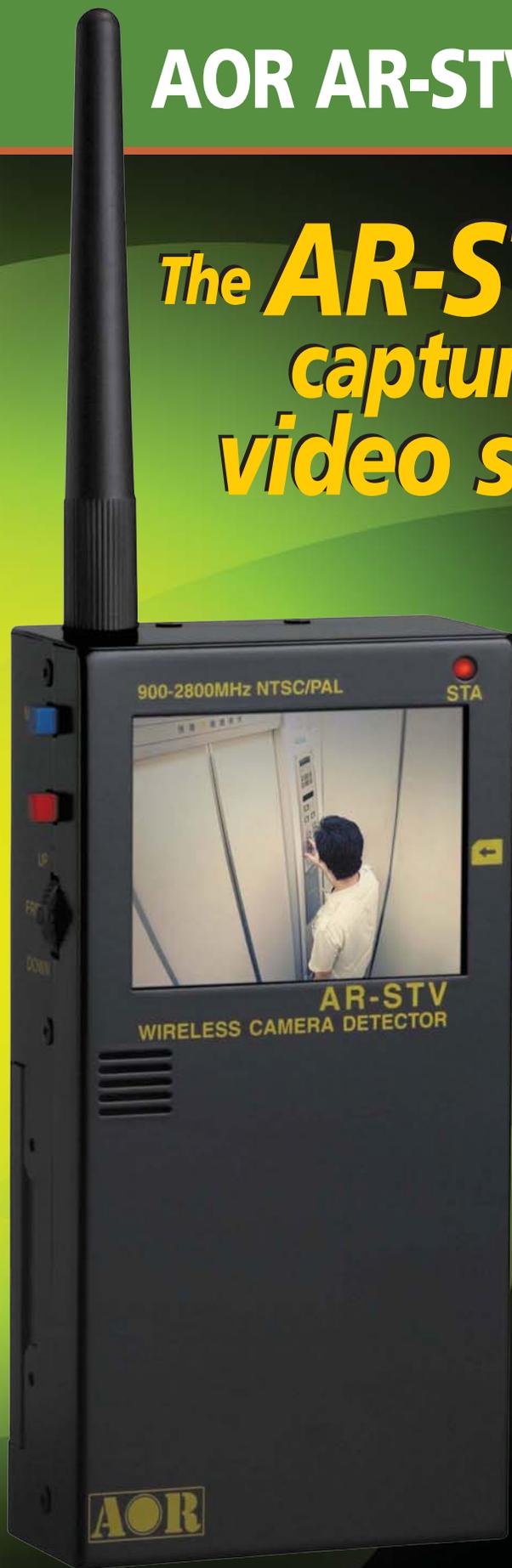


AOR AR-STV Handheld Receiver

The AR-STV captures hidden video signals



The AR-STV is a wireless camera receiver designed to detect wireless video surveillance cameras. With its 2.5 inch color LCD display, still picture recorder and sensor that captures video signals in real-time, the AR-STV is a valuable addition to any security operation. Its built-in clock allows images to be time-stamped and an optional 4 GB SD memory card can be used to store up to nearly 2000 images.

- Receives and displays analog video signals on L-band (1.2 GHz) or S-band (2.4 GHz)
- 2.5 inch color LCD display
- Still picture recorder
- Can be set for continuous search between 900 ~ 2800 MHz.
- Detects NTSC, PAL, CCIR, EIA or scrambled (reverse polarity) video signals
- Captures video signals in real-time
- Built-in clock
- Captured images can be time-stamped
- USB connector makes it easy to download stored images into a computer
- Easy to operate
- Powered by four AA size batteries or external DC power
- NiMH batteries, belt clip and battery charger included
- Rubber duck antenna
- Optional 4 GB SD memory card can store nearly 2000 images



Authority on Radio
Communications

AR-STV Handheld Video Receiver

FEATURES

- 900MHz ~ 2800MHz
- 10 search banks
- Detect NTSC, PAL, CCIR, EIA or scrambled reverse polarity video signals
- 2.5 inch color LCD display
- Built-in clock for time stamp
- Store up to nearly 2000 images with an optional memory card
- Receives and displays analog video signals on L-band (1.2 GHz) or S-band (2.4GHz)
- USB connector makes it easy to transfer stored images to a computer
- Easy menu-driven operation
- Low battery indicator
- Battery or external DC power



CONTROLS & FUNCTIONS

Front:

1. Red LED marked "STA" (status) blinks while AR-STV is in search mode

Right side:

2. Power on/off switch
3. CONT (USB connector plug)
4. VIDEO (Video output connector provides composite video output. An external video monitor may be connected using this port)

5. DC 6V (External power input connector allows connection with a 6V DC charger to recharge the internal Ni-MH cells. Note: center pin of jack is positive.)

6. SD (SD memory card slot to insert optional SD memory card up to 4 GB)
7. ALM OUT (Alarm output connector allow connection of external alarm device)

Left side:

8. Mode (Mode selector switch selects the operation mode)
9. REC (Record switch enables image to be stored into memory)
10. FREQ Up/Down (Frequency selector switch changes receive frequency or search direction.)



SPECIFICATIONS

Product:	Wireless Camera Detector / Receiver
Model:	AR-STV
Frequency Coverage:	900 ~ 2,800 MHz continuous
Receive Mode:	FM Video
Receiving system:	Single conversion super heterodyne
IF (Intermediate frequency):	479.5 MHz
Memory channels:	10
Number of search banks:	10
Search speed:	Approximately 6 seconds (@10 MHz step)
Frequency step:	2 MHz ~ 10 MHz (in 1 MHz increments)
Sensitivity:	-75 dBm (@1.2 GHz) 80 dBm (@2.4 GHz)
Antenna impedance:	75 ohms
Antenna connector:	SMA
Antenna:	Dual band flexible rubber antenna (approx. 3.5 inches in length)
Power requirements:	4 - AA size alkaline battery cells (1.5 V x 4) 4 - AA size Ni-MH cells (1.2 V x 4)
External charger input voltage:	4.8 ~ 6.0 V DC 500 mA
Current drain:	Approximately 420 mA (in search mode with battery save function) Approximately 460 mA (in display mode)
Operating environment:	0 ~ 50 degrees (C), 32 ~ 144 degrees (F) -20 ~ +70 degrees (C) , -4 ~ + 158 degrees (F) Storage temperature
Relay output for alarm:	3.5 mm stereo type jack Activates for 2 seconds after detecting video signal. Relay specs: 50 V DC max./ 150 mA max / 100 mW max.
SD card for still image:	FAT32 (4 GB maximum), JPEG format Picture size: Approx. 50 KB per image Memory contents: Image, frequency, date, time
Video output:	3.5 mm mono type, NTSC 1 V p-p
Dimensions:	67(w) x 132 (h) x 33 (d) (mm) 2.6 (w) x 5.2 (h) x 1.3 (d) (inches) Projections excluded
Weight:	Approximately 430 g , 15 oz. (Batteries included)



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