2.5Inch Wireless Monitoring System
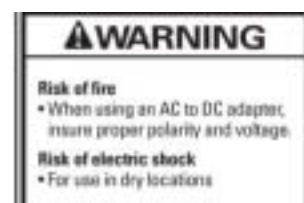
→ Includes: Video/ Audio camera/ Transmitter/ & Monitor/ Receiver

45236 USER'S GUIDE

Thanks for your purchasing of the 45236 Wireless Color Surveillance System. The 45236 kit is a combined wireless color camera & video monitor/receiver. An ideal combination for watching the baby, monitoring the porch, pets, yard or the pool. It is also suited to many small business applications.
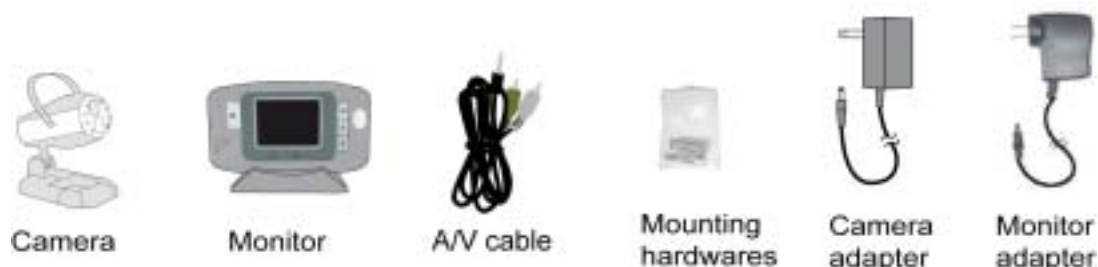
Features///
*900MHz wireless technology
*2.5-inch LCD for good picture display
*Plug and play installation
* Sound trigger function
*Supports up to 2 cameras
*Monitor can work with 3 modes: Scan, Auto & Manual
*Adjustable cycle time between cameras in Auto mode
*Camera can be wall or table mounting and the monitor can be tabletop mounting
*The LCD Brightness, Color, Contrast, Alarm volume & Audio volume are all adjustable

⚠ **WARNING**

Risk of fire
• When using an AC to DC adapter, insure proper polarity and voltage.

Risk of electric shock
• For use in dry locations

System Contents///
Identify all parts before proceeding with installation.

Camera   Monitor   A/V cable   Mounting hardwares   Camera adapter   Monitor adapter

Things to Consider Before Installation///
For best performance, follow these simple guidelines:
*The camera should be aimed accordingly to optimize viewing area.
*For best transmission, avoid installations where there are thick walls or major obstructions between the camera & LCD monitor.

Installing the Camera(Transmitter)///
1.Unpack the Camera.
2.Decide whether the Camera will be wall-mounted or sit on a desk/tabletop. If wall mounting, use drilling template on the back cover of these instructions. If using the tabletop base, attach the camera to the stand as shown. The Camera can be adjusted for either mounting scenario by rotating the Camera head to the required position.

3.To use the camera power adapter, connect power jack to the rear of the tabletop base. Make sure the Camera is within reach of an AC power outlet.

4.Select the camera operating channel on the slide switch by moving slide switches to 1, 2channels' position. Switch is preset to channel 1.

5. The Camera (Transmitter) installation is now complete.

Installing the LCD Monitor///

Main Operation
1.Plug AC power supplier of the LCD monitor into the power jack in the rear of the LCD monitor base.
2.Turn on the LCD monitor by pressing the top POWER button.
3.The LCD monitor can be set on the tabletop.

Optimizing the Wireless Camera System///
The 900MHz signals pass easily through your home's interior walls, but the signal may be reflected by power wires or plumbing inside the wall.
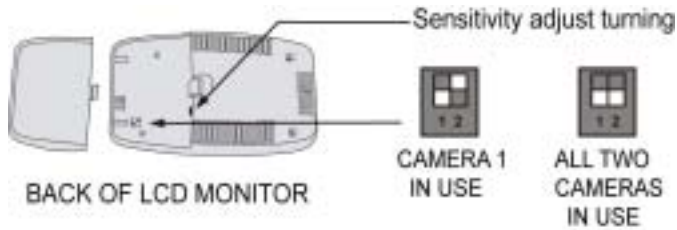
Multi-Camera Operation///
The Wireless Surveillance System is designed to work with up to two cameras. Additional cameras and rechargeable lithium battery packs for camera are sold separately.

Important
When using more than one camera, make sure each camera is assigned to a specific channel by adjusting the corresponding slide switch.

Accordingly the DIP switch located on the back of the LCD monitor should be adjusted to reflect the channel in use.

The sensitivity of sound trigger can be adjusted by turning the knob "sensitivity adjust tuner.

Operating Modes///

The wireless system can be set to operate in one of three modes: Scan, Auto or Manual. The desired operating mode can be selected using the buttons on the front panel of the LCD monitor.

Scan
Pressing the Scan button places the system in Scan mode. The LCD monitor screen blanks into a standby mode while the system continuously scans the active cameras. If a camera detects motion, the LCD monitor displays the camera picture and the beeper will sound. Several minutes after the last detection, the screen returns to standby mode while the LCD monitor resumes scanning. Pressing the Manual or Auto button will wake up the LCD.

Auto
Pressing the Auto button places the system in Auto mode. In this mode, the system automatically circulate through all active cameras. When a camera detects sound is too high(you can set the compared sound by the sensitivity knob), the LCD monitor will display the picture from the camera for a few seconds, and the beeper will sound. To avoid searching channels that do not have cameras/transmitters assigned to them, set the DIP switches(inside the battery compartment) for those corresponding channels to the off position. The dwell time(time taken to switch between cameras) is preset to 4 seconds and can be adjusted between 2 - 30 seconds. To adjust the dwell time, press both the Auto and Manual buttons simultaneously. Each flash of the LED in-creases the dwell time by one second.

Manual
To select a specific camera to LCD monitor, press the Manual button. The LCD

monitor will switch to a different camera each time the Manual button is pressed. When the camera detects loud sound, the beeper will sound. To avoid searching channels that do not have cameras assigned to them, set the DIP switches (inside the battery compartment) for those corresponding channels to the Off position.

Monitor Functions///

Power

Press to turn the monitor on/off.

Alarm Volume

The Alarm Volume of the LCD monitor can be adjusted by tuning the Alarm volume tuner on the top of the LCD monitor.

Volume

You may adjust the Sound Level by pressing "+" or "-" on the Volume button. This operation is before pressing the "Menu" button. If you have pressed the "Menu" button, please consult the bellow instructions.

Menu

By pressing the Menu button, you can adjust the brightness, color and contrast

1. Pressing the "menu" button once the first LED will be lighted and become blue, and then you can adjust the brightness by pressing "+" or "-" on the Volume/Adjust Button.
2. Pressing the "menu" button twice the middle LED will be lighted and become blue, and then you can adjust the color by pressing "+" or "-" on the Volume/Adjust Button.
3. Pressing the "menu" button three times the third LED will be lighted and become blue, and then you can adjust the contrast by pressing "+" or "-" on the Volume/Adjust Button.
4. Pressing the "menu" button four times, the blue lighted LED will be went out, now you can adjust the volume by pressing the "+" or "-" on the Volume/Adjust Button.If not any operating within 30 seconds it will back to volume adjust mode automatically.

Trouble Shooting///

If you are having trouble operating this product, please consult the guide below:

SYSTOM	REMEDIES
No Camera picture	1. Check all connectors. Make sure camera(s) & monitor are switched ON.
	2. Ensure camera(s) & monitor are set to

	correct channel(s).
	3. Make sure camera(s) is within range of monitor (receiver).
Blank Monitor	1. Make sure monitor is switched ON.
	2. If using AC adaptor, make sure it is plugged in.
	3.Make sure rechargeable battery is charged.
Interference on Camera picture	1. Make sure each camera (transmitter) is within range, and that no large obstructions are blocking the signal.
	2.Try repositioning the camera, monitor or both to improve the reception quality.
	3.Reposition other nearby equipment transmitting on the 900MHz frequency.
Audio Problems	1.Ensure the volume is turned up sufficiently on the monitor
	2.Make sure the sound is within the microphone range.
	3.If the units emit a loud wailing sound (feeds back), try moving the camera away from the monitor or angle the monitor differently.

Specification///

Camera (Transmitter):

TV System:	PAL/NTSC standard
Image Sensor:	1/3" CMOS
Integrated Lens:	5.6mm, F2.0 fixed focus
Resolution:	360 horizontal TV lines
Audio Signal/Noise Ratio:	45db
Video Signal/Noise Ratio:	48db
Frequency Range:	902~928MHZ
High Speed Electronic Shutter:	1/60-1/15,000 sec
LED:	8 pcs
Mini. Illumination:	0.1Lux
Current Consumption:	200mA
Modulation:	FM
Channel Selection:	Electronic tuning with PLL
Overall size:	2.36"(W) x 2.76"(H) x 3.07"(D)

Monitor (Receiver)

Frequency Range:	902~928MHz
Current Consumption:	380mA
Channel selection:	Electronic tuning with PLL

Signal/Noise Ratio:	38dB

Battery	Li-Polymer
Voltage:	7.4V for monitor
Lithium Polymer Battery (For Monitor):	standby , Approx 3 hrs. continuous > 2.5 hrs.

General

Operating temperature:	-10°C to 40°C
	14°F to 104°F
Humidity:	Less than 85%

Approvals///

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and

2. This device must accept any interference received, including interference that may cause undesired operation

FCC NOTE:

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Warranty ///

This product has one-year manufacturer warranty, which covers parts and labor only. In the unlikely event that you encounter a technical or quality issue, please contact local distributor, we will replace defective units within the warranty period.