

4-CHANNEL WIRELESS DIGITAL VIDEO RECORDER

W/1 OR 2 WIRELESS CAMERA(S), NIGHT VISION, AUDIO, AND SD CARD RECORDER



Go digital with your wireless security needs; the simplest and secure way to protect your home and business. The **DigiAirWatch** and **DigiAirWatch2** are D.I.Y. (do-it-yourself) economy digital wireless security systems. Our DigiAirWatch Series includes One (DigiAirWatch) or Two (DigiAirWatch2) weatherproof digital wireless camera(s) and a wireless receiver/recorder that records to a SD card. Compared to full version digital video recording (DVR) systems, the DigiAirWatch series are much less complicated to operate, much more affordable and can be installed in minutes. Simply insert a SD card into the receiver, position and mount the camera(s), plug all the power adapters into an electrical power outlet and you are ready to record. In comparison to the traditional wireless technology (analog), digital wireless provides three key features which include: Increased range of transmission, secure signal and unlike analog, the digital signals are virtually interference-free from crowded wireless analog devices such as: Wi-Fi routers, Bluetooth devices, cordless phones, microwaves and cell phones.

Package Contents:

DigiAirWatch

- 1 x Digital wireless camera with antenna and bracket
- 1 x Digital wireless receiver with antenna and SD slot
- 2 x Power adapters (for camera and receiver)
- 1 x AV output cable (for receiver)
- 1 x User's manual
- *SD memory card not included

DigiAirWatch2

- 2 x Digital wireless cameras with antenna and bracket
- 1 x Digital wireless receiver with antenna and SD slot
- 3 x Power adapters (for cameras and receiver)
- 1 x AV output cable (for receiver)
- 1 x User's manual
- *SD memory card not included

Features:

- Do-it-yourself (D.I.Y) easy to use and simple installation
- Includes one/two digital wireless camera(s) and a wireless receiver with SD slot
- Integrated digital video recorder, SD memory card not included
- 2.4GHz digital wireless recording system. No video cables required
- Weatherproof (IP54) CMOS color camera for outdoor and indoor applications
- Increased range of transmission up to 200ft between walls and up to 490ft clear line of sight
- No Wi-Fi interference; no interference from crowded analog 900MHz/2.4GHz/5.8GHz/6.0GHz devices
- Secure signal: neighbors cannot pick up the signal or listen in
- Camera with built-in infrared LEDs for night vision up to 30ft (B/W)
- Built-in microphone for audible recording up to 30ft away
- Motion detection and manual recording with optional video or picture selection

- Auto overwrite function when SD card is full
- Records 15-second video clip per motion detection in MP4 format and list file names by date, time, and CH number
- With a 32GB SD, **DigiAirWatch** records up to 65 hours in single full screen or 260 hours in Quad mode
- With a 32GB SD, **DigiAirWatch2** records up to 65 hours in single full screen of an active camera or 130 hours for both active cameras in Quad mode
- Audio and video output RCA interfaces from receiver to monitor for display
- Upgradable by adding up to 4 total digital wireless cameras
- Records 1 channel or all 4 channels at the same time (in Quad mode)
- Single channel full screen, auto sequential rotation or Quad view display
- Playback directly from the receiver or PC via SD card reader with any MP4 player software
- Infrared filtered camera for best vibrant color picture

Key Specifications:

SM-816DT (camera)	Image Sensor	CMOS Color
	Resolution	640 x 480 pixels (NTSC/PAL selectable)
	Viewing Angle	45 degree
	Audio	Microphone built-in (audio monitoring up to 30ft)
	Minimum Illumination	2 Lux (IR off); 0 Lux (IR on)
	IR LED Night Vision Range	Up to 30ft (B/W)
	Weatherproof Rating	IP54
	Antenna	1 x Angle adjustable antenna
	Consumption Current	500mA
	Mounting Bracket	Angle adjustable
	Power LED Indicator	1
	Power Supply	DC 5V/1.0A
	Dimensions (LxWxH)	6.0" x 2.3" x 1.8" (camera body only)
	Pairing Button	1
SM-804DR (receiver)	Display Modes	Single (auto switchable for multi cameras) or Quad (no audio)
	CH Switch Intervals	Selectable from Never/5/10/15/20 seconds (for single mode)
	Frame Rate	25fps in single mode or 15fps/camera in Quad mode
	Recording Resolutions	512x384 for single mode
		320x240 for Quad mode
	Recording Modes	Motion detection/Manual
	Recording Format	MPEG4 (video)
		JPEG (photo)
	Motion Detect Video Clip/Size	15 seconds per clip; 2MB/clip in single; 500K/clip in quad mode for an active camera
	SD Slot	1 SD slot, supports up to 32GB (not included)
	Control Buttons	Snap Shot, Record, Camera, Quad Screen, Menu, Exit, OK, and Up/Down/Left/Right Keys
	LED Indicators	Power and Motion Detection
	Power On/Off	1 x Power switch
	AV Out	1 x Video/Audio output (RCA)
	Antenna	1 x Angle adjustable antenna
	Power In	1 x DC in power jack
Power Supply	DC 12V/1.0A	
Consumption Current	400mA	
Dimensions (LxWxH)	5.5" x 3.8" x 1.0"	
Wireless (general)	Frequency	ISM 2400 - 2483.5 MHz (CH1/CH2/CH3/CH4)
	Transmission Distance	Up to 490 ft (150m) clear line of sight; up to 200ft (indoor)
	Operating Temperature	-10°C - 50°C /14°F - 122°F
	Operating Humidity	≤ 85% RH