

SecurityMan®



SM-816DT User's Manual

**2.4GHz Digital Wireless Outdoor/Indoor Camera
with Night Vision and Audio**

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FCC Information

Notes on FCC's "Consistent Statement of Information" This product meet the requirements specified in Part 15 of FCC Regulation. Operation rests with the following two conditions:

- (1) The equipment should not cause any harmful interference.
- (2) The equipment must receive and process any interference, including any possible interference caused by operation mistakes.

After testing the product, we confirm that the camera complies with the provision for class C digital equipment in the 15th part in FCC regulations; and the receiver complies with the limitations for class B digital equipment in Part 15 of FCC regulation. The product generates, applies and emits radio waves. It might cause harmful interferences to wireless communication if not be installed and used following the description of the manual.

The product may cause interference in residential area, and the customer should take remedies to eliminate the interference on their own costs. If the product causes any harmful interference to wireless equipment or disturbs the receiving of TV signals (it can be identified by turning on and off the product), you can solve the trouble by following methods:

- Readjust the product or put it in another place.
- Extend the distance between the equipment interfered and the product.
- Refer to dealers or experienced radio electrician for help.

Warranty

SecurityMan Inc warrants that this product will be free from defects in title, materials and manufacturing workmanship for one year or otherwise specified on the product packaging. This limited warranty shall commence from the date of purchase. SecurityMan products warranty is not transferable and is limited to the original purchaser. If the product is found to be defective then, as your sole remedy and as the manufacturer's only obligation, SecurityMan will repair or replace the product. This warranty shall not apply to products that have been subjected to abuse, misuse, abnormal electrical or environmental conditions, normal wear and tear, or any condition other than what can be considered normal use.

Warranty Disclaimers

SecurityMan Inc, makes no other warranties, express, implied or otherwise, regarding this product, and specifically disclaims any warranty for merchantability or fitness for a particular purpose. The exclusion of implied warranties is not permitted in some states and the exclusions specified herein may not apply to you. This warranty provides you with specific legal rights. There may be other rights that you have which vary from state to state.

Limitation of Liability

The liability of SecurityMan Inc, arising from this warranty and sale shall be limited to a refund of the purchase price. In no event shall SecurityMan be liable for costs of procurement of substitute products or services, or for any lost profits, or for any consequential, incidental, direct or indirect damages, however caused and on any theory of liability, arising from this warranty and sale. These limitations shall apply not withstanding any failure of essential purpose of any limited remedy.

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Restrictions

Please read the following messages to make sure your working environment is suitable.

- **DO NOT** place this product too close to medical equipments.
 1. Radio waves might potentially cause breakdown of medical electrical equipments and thus cause incidents.
 2. Place the product at least 22cm from the heart pacemaker. Radio wave potentially influences heart pacemaker and thus leads to respiratory disturbance.
- **DO NOT** use this product to monitor equipments or activities that are relevant to one's privacy. Monitoring one's private activities without consent is illegal and this product is not designed and manufactured for these purposes.
- **DO NOT** use this product to carry out any illegal activities such as sneak preview, and etc. SecurityMan shall not be responsible for any consequences of illegal conducts made by users.
- **DO NOT** put the camera in quaky paces. The camera may be unstable or out of operation if installed improperly. Such installation may also cause breakdown.
- **DO NOT** touch, shake or hold the antenna. Touching, shaking or holing the antenna might influence the receiving of electromagnetic wave, and thereby influence the receiving effect.
- **DO NOT** use the camera in complex environment, the obstruction of stumbling block will affect the electromagnetic wave and influence the receiving range. Wall, tree and other stumbling block might absorb, reflect the electromagnetic wave, and influence the receiving range.

- **DO NOT** use the camera in the places which are covered with metal. The around metal, such as elevator and cabin, might shield the electromagnetic wave, and result in inability to receive signals.
- **DO NOT** put the plastic package bags in reach of children or babies. Young children can choke on these items if they put them into their mouths.
- **DO NOT** plug the AC adapter into the outlet in improper situations.
- **DO NOT** plug in an AC adapter with wet hands might cause electric shock.
- **DO NOT** plug in an AC adapter unsteadily might cause fire or electric shock.
- **DO NOT** cover the AC adapter when it is connected to an outlet, place the adapter near heaters, or put it on the floor which is equipped with a heater. The above mentioned operation might cause fire or incidents.
- **DO NOT** use it aboard; please abide by the airway's provision. It might influence communication aboard and the flying apparatus if departing from the airway's regulation. This will result in accident, possible death and severe physical hurt.
- **DO NOT** disassemble or repair the camera, receiver or other relevant peripheral equipment s by yourself. Improper disassembly might cause damages to the product or the peripheral equipment.

Conditions

Please read the following messages to make sure your working environment is suitable.

- The temperature should be kept between -10°C and 50°C (14°F to 122°F). The relative humidity should be kept between 20% and 80%.
- Avoid putting the product in places where temperature or humidity may change rapidly.
- Keep it dry, dustless and avoid lens exposure in direct sunlight.
- Keep product away from heat sources such as electric heaters.
- Do not use the camera near harmful chemicals.
- Do not place product near any strong magnetic objects
- It might influence the normal operation of the product if used at the fringe range of normal temperature. Please turn off the power when not in use.
- Do not disassemble the product.
- Do not shake or strike the product.
- Please obey the local government's environment protection policy.

Features

- 2.4GHz digital wireless camera for DigiairWatch and DigiLCDDVR series
- Weatherproof (IP54) color camera (CMOS) for outdoor and indoor applications
- Increased range of transmission up to 200ft between walls and up to 490ft in clear line of sight

- No Wi-Fi interference; no interference from crowded analog 900MHz/ 2.4HGz/5.8GHz/6.0GHz devices
- Digital pairing button (to match receiver or monitor)
- Up to 4 channels (Cam1, Cam2, Cam3, or Cam4) can be paired to a receiver SM-371DR or SM-804DR
- Infrared filtered camera for best vibrant color picture

Compatible with the following SecurityMan receivers:

- SM-371DR (LCD monitor/receiver)
- SM-804DR (Receiver)

Package Contents



1 x SM-816DT



1 x Mounting Bracket



1 x Antenna



1 x AC Adapter



3 x Screws



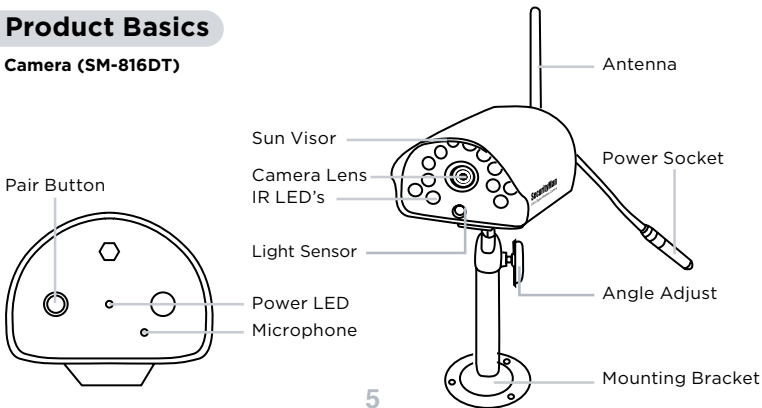
User's Manual

Specifications

Image Sensor	CMOS Color
Resolution	640 x 480 pixels (NTSC/PAL selectable)
View 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	6" x 2.3" x 1.8" (camera body only)
Pairing Button	1

Product Basics

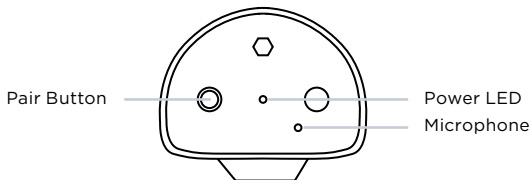
Camera (SM-816DT)



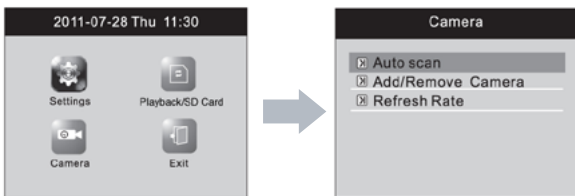
Operation

Adding camera to SM-371DR/SM-804DR

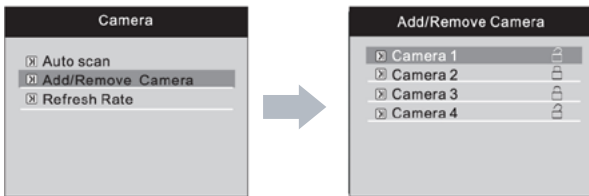
Step 1: Press **Pair** button at the back of the camera as illustrated below.



Step 2: In the **Menu** options on receiver select **Camera** as shown below.



Step 3: Select **Add/Remove Camera** and pair it up with an **UNLOCK** icon camera (1-4), as shown below.



Step 4: Select **Yes** to complete the **Adding Camera** process shown below.



NOTE: When adding a camera, the **Pair** button located on the back of the camera **must be pressed** prior to pressing the **OK** button on the DVR/ Receiver to confirm the **Add Camera** selection. There is a 10 second grace period for adding cameras, if pairing is unsuccessful before the 10 second grace period has expired then an **"Operation Failed"** will appear, repeat steps 1-4. Pairing must be done within 20 ft from the receiver.

Removing camera from SM-371DR/SM-804DR

Step 1: From the **Menu** options on the receiver select **Camera**.

Step 2: Select **Add/Remove Camera** and un-pair it with a **LOCK** icon camera (1-4), press OK button.

Step 3: Finally select **Yes** and then **OK** button to remove the camera from the receiver.

NOTE: Please reference DigiairWatch and DigiLCDDVR user's manual for more details.

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