



**SURVEILLANCE CAMERA | ADVENTURE SERIES** 



**USER  
MANUAL**

**Models :**

- |      |         |
|------|---------|
| BF-6 | ECLYPSE |
| BF-8 | M8      |
| HD-7 | C6      |
| 2N1  |         |



## THANK YOU FOR CHOOSING A SPYPOINT PRODUCT.

This manual will guide you through all the features of your device so that you will get optimal use out of your SPYPOINT product.

Our priority is to provide outstanding customer service. If you need support for your product, please contact the SPYPOINT technical service or visit our website.

## CONTACT

 1-888-779-7646

 tech@spypoint.com

 www.spypoint.com

## ABOUT US



GG Telecom's mission is to offer products that are easy to use, innovative, affordable and of exceptional quality. Our SPYPOINT products are mainly used for hunting and residential/commercial surveillance. They are distributed and shipped all over the world and the market never stops growing. Prosperous and respected, GG Telecom is a company that constantly keeps abreast of new technologies and listens to its customers to deliver cutting-edge products with practical solutions that improve hunting and outdoor activities.

## JOIN THE SPYPOINT COMMUNITY



FACEBOOK.COM/SPYPOINT



YOUTUBE.COM/SPYPOINTTRAILCAM



TWITTER.COM/SPYPOINTCAMERA



### CAMERAS WITH CELLULAR TRANSMISSION

- If you need information or would like to subscribe to mySPYPOINT service, go to [www.myspypoint.com](http://www.myspypoint.com).
- For the latest version of the activation procedure, go to [support.spypoint.com/activation](http://support.spypoint.com/activation).

# Table of contents

<b>Package contents</b> .....	<b>4</b>
<b>Components</b> .....	<b>5</b>
<b>Power</b> .....	<b>7</b>
<b>Memory card</b> .....	<b>9</b>
<b>Flash unit (2N1)</b> .....	<b>9</b>
<b>"BUSY" DEL</b> .....	<b>9</b>
<b>Settings</b> .....	<b>10</b>
<b>Distance</b> .....	<b>12</b>
<b>Sound recording (BF-8, HD-7, ECLYPSE, M8)</b> .....	<b>13</b>
<b>File transfer to a computer</b> .....	<b>14</b>
<b>Troubleshooting</b> .....	<b>15</b>
<b>Error messages</b> .....	<b>15</b>
<b>Available accessories</b> .....	<b>16</b>
<b>Specifications</b>	
BF-6 .....	<b>18</b>
BF-8 .....	<b>19</b>
HD-7 .....	<b>20</b>
2N1 .....	<b>21</b>
ECLYPSE .....	<b>22</b>
M8 .....	<b>23</b>
C6 .....	<b>24</b>
<b>Regulation</b>	
2N1 .....	<b>25</b>
BF-6, BF-8, HD-7, ECLYPSE, M8 .....	<b>26</b>

<b>Limited warranty</b>	
2N1 .....	<b>27</b>
BF-6, BF-8, HD-7, ECLYPSE, M8, C6 .....	<b>28</b>
<b>Repair service</b>	
2N1 .....	<b>27</b>
BF-6, BF-8, HD-7, ECLYPSE, M8, C6 .....	<b>28</b>

# Package contents



SPYPOINT  
Camera



Quick start  
guide



Video cable  
(BF-6, 2N1, C6)



Audio-video cable  
(BF-8, HD-7, ECLYPSE,  
M8)



USB  
cable



Installation  
strap



Flash unit  
(2N1)



Infrared unit  
(2N1)

# Components



- 1 Photo lens
- 2 Invisible LEDs or Infrared LEDs (**HD-7**)
- 3 Test light  
**(located at the top right for models with 35 LEDs)**
- 4 Light sensor
- 5 Fresnel lens

- 6 Slot for installation strap
- 7 Cable lock hole

- 8 12V power jack
- 9 Tripod mount
- 10 Microphone  
**(BF-8, HD-7, ECLYPSE, M8)**
- 11 Solar panel jack  
**(BF-8, HD-7, ECLYPSE, M8, C6)**
- 12 35 invisibles LEDs and Flash (**2N1**)

- 13 Access to the time battery
- 14 Battery switch
- 15 Configuration screen
- 16 BUSY Led
- 17 Switch panel
- 18 ON/OFF
- 19 Battery case

- 20 TV OUT
- 21 USB port
- 22 SD card slot
- 23 DISTANCE dial

# Components

<b>1</b>	Photo lens	Image sensor and infrared filter.
<b>2</b>	Invisible LEDs or Infrared LEDs ( <b>HD-7</b> )	Night lighting to obtain black and white photos and videos.
<b>3</b>	Test light ( <b>located at the top right for models with 35 LEDs</b> )	Flashes in SET/TEST mode when there is detection and flashes 60 seconds in PHOTO/VIDEO mode to allow the user to leave without being photographed or recorded.
<b>4</b>	Light sensor	Allows the lighting of the LEDs panel at night.
<b>5</b>	Fresnel lens	Expands the detection area and increases the sensitivity of the camera's motion sensor.
<b>6</b>	Slot for installation strap	Allows the user to install the camera using the installation strap included (p.10).
<b>7</b>	Cable lock hole	Allows the user to install a CL-6FT cable lock, sold separately (p.17).
<b>8</b>	12V power jack	This camera can be powered from an external 12-volt DC input such as a 12V battery or a 12V adapter, each sold separately (p.16).
<b>9</b>	Tripod mount	Standard ¼-20" tripod mount.
<b>10</b>	Microphone ( <b>BF-8, HD-7, ECLYPSE, M8</b> )	Record sound in video mode (p.13).
<b>11</b>	Solar panel jack ( <b>BF-8, HD-7, ECLYPSE, M8, C6</b> )	Allows the user to connect a solar panel (SP-12V) to maintain the charge of the lithium battery pack (LIT-09/LIT-C-8), sold separately (p.16).
<b>12</b>	35 invisible LEDs and Flash ( <b>2N1</b> )	Interchangeable units (p.9).

<b>13</b>	Access to the time battery	Battery that keeps the time and date in memory (p.8).
<b>14</b>	Battery switch	Allows the user to select the power source according to the type of batteries used (p.7).
<b>15</b>	Configuration screen	To see battery level, date, number of recorded files, error messages and settings options (p.10).
<b>16</b>	BUSY LED	Lights up when the camera is recording (p.9).
<b>17</b>	Switch panel	Buttons to set the camera (p.10).
<b>18</b>	ON/OFF	Allows the user to turn on/off the camera.
<b>19</b>	Battery case	Case for AA batteries or a rechargeable lithium battery pack (p.7).
<b>20</b>	TV OUT	Allows the user to view or delete photos/videos directly on TV (p.11).
<b>21</b>	USB port	To transfer photos/videos to a computer (p.14)
<b>22</b>	SD card slot	An SD card is required to record photos/videos (p.9).
<b>23</b>	DISTANCE dial	Allows the user to adjust the distance of detection and the sensitivity of the detector (p.12).

# Power

The battery level is shown on the LCD screen. When a single line remains, the camera will continue to take photos but we strongly recommend to change the AA batteries or charge the lithium battery pack before they are empty (see figure below). If a video is being recorded and the batteries level reaches 0%, the camera saves the file before shutting down.



## AA BATTERIES

This camera requires 6 AA batteries (1.5V). The use of alkaline or lithium batteries is strongly recommended. During the installation of the AA batteries, slide the battery switch to ALK (i.e. alkaline). Insert the batteries as indicated inside the battery case. Battery polarity must be followed.



6 alkaline AA batteries

 Please note that the voltage of rechargeable AA batteries (1.2V) is insufficient to power the SPYPOINT camera. We also recommend the use of new batteries to ensure maximum performance of the camera.

## LITHIUM BATTERY PACK

This SPYPOINT camera can be powered by a rechargeable lithium battery pack LIT-09/LIT-C-8 (sold separately, p.16). This type of battery is less affected by cold temperatures and lasts up to 3 times longer than an alkaline batteries. During the installation of the lithium battery, slide the battery switch to LIT-09 or RECH (depending on the camera).



Lithium battery pack  
LIT-09/LIT-C-8

## EXTERNAL (12V)

This camera can also be powered by an external 12-volt DC input such as a 12-volt battery (KIT-12V, BATT-12V or KIT6V/12V) or a 12-volt adapter (AD-12V), sold separately (p.16). During the installation of a 12-volt connection, slide the battery switch to ALK (the AA batteries can remain safely inside the camera). If combined with a lithium battery pack, slide the battery switch to LIT-09 or RECH (depending on the camera). For the 12V available accessories, see p.16.

## SOLAR PANEL (BF-8, HD-7, ECLYPSE, M8, C6)

This camera also offers the possibility to connect a solar panel (SP-12V sold separately, p.16) to **maintain** the charge of the lithium battery pack (sold separately, p.16). While installing the rechargeable lithium battery pack, slide the battery switch to LIT-09 or RECH (depending on the camera) to activate the charging system of the solar panel.

Battery switch position (depending on the power source)

Power source	Battery switch position
<ul style="list-style-type: none"> <li>• 6AA</li> <li>• 12V</li> <li>• 12V + 6AA</li> </ul>	ALK
<ul style="list-style-type: none"> <li>• LIT-09*</li> <li>• 12V + LIT-09*</li> <li>• Solar panel + LIT-09* (for cameras compatible with solar panel)</li> </ul>	LIT-09 or RECH (depending on the camera)

\* Rechargeable lithium battery pack, sold separately (LIT-09) or with a charger (LIT-C-8).

# Power

## TIME BATTERY

The camera has a CR2032 lithium button battery which saves the time and date. To replace the battery:

1. Turn off the camera and remove it from the housing.
2. Using a flat screwdriver, push the tab to the right.



3. While pushing the tab, remove the compartment of the camera.



4. Replace the battery, the polarity must be respected (side + facing up).

# Memory card/ Flash unit/ "BUSY" LED

## MEMORY CARD

A memory card is required to record photos and videos. The camera is compatible with SD/SDHC memory cards, up to 32 GB capacity. (sold separately, p.16).

When the camera is ON and no memory card is used, the screen displays "Card" meaning to insert one. When the SD card is full, the screen displays "FUL".

Here is a table of the approximate number of photos and length of videos that can be recorded with different memory card capacities. Many photo and video resolutions are noted, see those corresponding to the camera.

	4 GB	8 GB	16 GB	32 GB
<b>Photo</b>				
3 MP	4100	8200	16400	32800
4 MP	3800	7600	15200	30400
5 MP	3400	6800	13600	27300
6 MP	3200	6300	12600	25300
7 MP	2700	5500	10900	21800
8 MP	2400	4800	9500	19000
10 MP	1900	3800	7600	15200
12 MP	1600	3200	6300	12600
<b>Video</b>				
320 x 240	4 h	8 h	16 h	32 h
640 x 480	2h10	4h10	8h20	16h40
1280 x 720	40 min	1h20	2h40	5h20

## INSERTING THE MEMORY CARD



Insert an SD/SDHC memory card (up to 32 GB capacity) in the card slot. The card is inserted correctly when a click is heard.

⚠ Before inserting or removing a memory card, always turn off the camera to prevent loss or damage of the photos already recorded.

## REMOVING THE MEMORY CARD

Lightly press the memory card into the camera once to pop it out of the slot and remove it.

## FLASH UNIT (2N1)



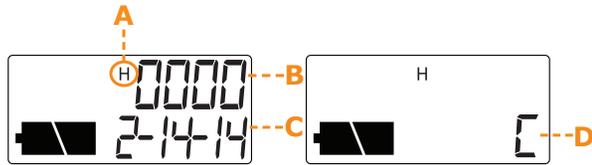
Install the Flash unit to obtain color photos by day and night.

⚠ It is not possible to take videos at night with the Flash unit.

## "BUSY" DEL

The "BUSY" light, located to the right of the screen lights up when the camera records a file.

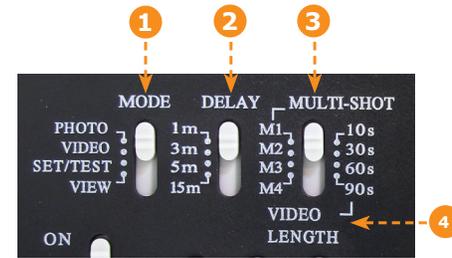
# Settings



- A:** Photo quality (High/ Low)
- B:** Number of recorded files
- C:** Date/Time (MM/DD/YY, hh:mm)
- D:** Temperature (Celcius/Farenheit)(**BF-6, BF-8, HD-7, M8, C6**)

1. Turn OFF the camera.
2. Set the switch MODE to SET/TEST.
3. Turn ON the camera.
4. Press MENU/OK. An "H" will flash on the screen to indicate that the camera is in High Resolution. Use the DOWN button if you want to reduce the resolution to "L".
5. Press MENU/OK to set the date and time (mm/dd/yy, hh/mm). Use UP and DOWN to change the blinking digit.
6. If applicable, press MENU/OK to go to the next option. Choose "F" or "C" to display the temperature in Fahrenheit (°F) or Celsius (°C).
7. Once finished, press MENU/OK and turn OFF the system to save the changes.

**Note:** When the photo resolution is set to "L", the video resolution is automatically set to 320 x 240 or 640 x 480 (HD-7) and if the photo resolution is set to "H", the video resolution is automatically set to 640 x 480 or 1280 x 720 (HD-7).



## 1 MODE PHOTO

Allows the user to take photos. When the PHOTO mode is selected, the test light in front of the camera will flash for 60 seconds to allow the user to leave the area without being photographed.

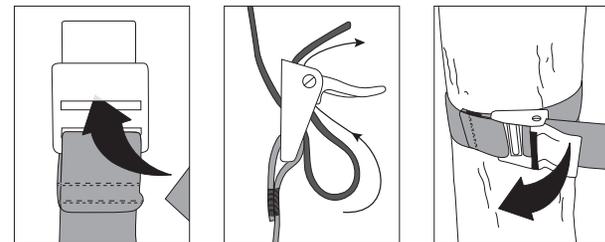
## VIDEO

Allows the user to take videos. When the VIDEO mode is selected, the test light in front of the camera (see above) will flash for 60 seconds to allow the user to leave the area without being recorded.

## SET-TEST

Allows the user to test the detection system of the camera. When the SET/TEST mode is selected, no photo or video is recorded. Pass in front of the camera from left to right. When the camera detects a motion, the test light blinks to indicate that the camera would normally have saved a photo or video. If the system does not detect the movement, increase the detection distance using the DISTANCE wheel or realign the system differently.

## INSTALLATION WITH THE SUPPLIED STRAP



- ⚠ Recommended installation height: about 3 feet above the ground. Do not place the camera facing the sun.

# Settings

## VIEW

Allows the user to view or delete recorded photos and videos directly on a television.

1. Turn OFF the camera.
2. Set the switch MODE to VIEW.
3. Connect the yellow end of the RCA cable (supplied) into the VIDEO IN of the TV and the other end into the TV OUT of the camera.

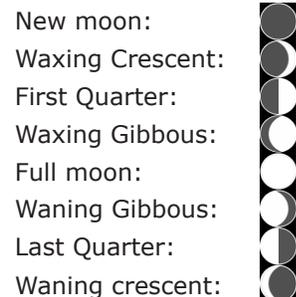


4. Turn ON the camera and the last recorded photo or video will appear. To change the photo or the video, use the UP or DOWN button.

Here are the options available by pressing MENU/OK:

View Date/Time:	Allows the user to view the date and time printed on the photo.
Protect:	Allows the user to protect a photo or video to prevent it from being deleted by selecting "Erase All".
Erase one:	Allows the user to erase the photo or the video seen on the screen from the memory card.
Erase all:	Allows the user to erase all stored photos and videos, with the exception of protected photos and videos from the memory card.
Format:	Allows the user to erase the entire contents of the memory card, including the protected files.
Language:	Allows the user to change the display language.
Exit:	Allows the user to exit the menu to return to the viewing screen.

Here are the different moon phases that can be printed on photos.  
(BF-6, BF-8, HD-7, 2N1, M8, C6)



## 2 DELAY

Allows the user to choose the time interval between each detection before the camera records the next photo or video.

**Additional setting:** It is possible to decrease the delay between detections to 10 seconds (instead of 1 minute) by using the following procedure. Note that the battery life will be affected.

1. Turn OFF the camera.
2. Press and hold the UP button, turn the camera on. "10\_S" appears on the screen meaning the 1 minute delay has been replaced by a 10 second delay.
3. To reset the camera to 1 minute delay, follow the same procedure. "1\_M" appears on the screen (see figure below).



10 s delay



1 min delay

## 3 MULTI-SHOT

Takes up to 4 consecutive shots at each detection, with a 10 second delay between each photo. For the cameras with a Flash unit, the delay between each photo will be 15 seconds. This option allows the user to get up 4 photos from different angles when the camera is in PHOTO mode.

## 4 VIDEO LENGTH

Allows the user to select the duration of the recording when the camera is set in VIDEO mode.

# Settings

## DISTANCE

Turn the DISTANCE dial to the right to increase the detection distance and the sensitivity of the detector.



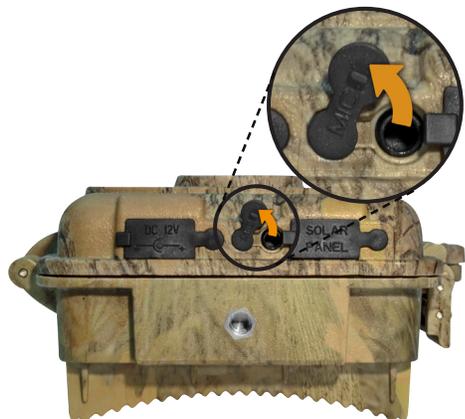
The camera is equipped with a detector sensitive to infrared. The system will only detect a heat source in motion. The greater the mass of heat, the more sensitive the system is. The range of detection is between 5 and 65 feet. The best way to adjust the distance is to set the camera to SET/TEST mode. Make sure to have the least amount of objects possible in front of the camera during positioning. This will prevent photos being taken by the camera when oriented towards the sun at the same time an object moves in front of the camera (e.g. a branch).

Here is a table of approximate detection distances and width of the detection area according to the DISTANCE dial setting. The data can be affected by the size of the subject and the outside temperature. **Note that this data is for illustrative purposes only.**

Value on dial	Sensitivity	Detection distance (ft)	Width of the detection area (ft)
MIN.	↓ Gradually increases ↓	5-30	3
2			
4		30-50	15
6			
8		50-65	30
MAX.			

## Sound recording (BF-8, HD-7, ECLYPSE, M8)

The SPYPOINT camera offers the possibility to record sound in VIDEO mode. When the VIDEO mode is selected, the camera automatically records the sound. Under the camera, you will find a rubber cap with the inscription MIC. If the user does not want to record the sound, the rubber cap needs to stay in place. If sound recording is required, the user must lift the rubber cap and turn it slightly so that the microphone receiver is completely cleared (See figure below).



## File transfer to a computer

To transfer photos/videos to a computer:

1. Turn OFF the camera.
2. Connect the USB cable (supplied) from the camera to a computer



3. The computer will detect the camera and install the driver automatically.
4. Click on "My Computer" and select "Removable Disk".
5. Then click on "DCIM" and "100DSCIM" to find all recorded photos and videos.
6. Drag or save the files to the desired location.

Taking the memory card out (sold separately, p.16) of the camera and inserting it into the computer slot will achieve the same results.

**Note:** Videos in .MP4 format require the use of a compatible video player software such as VLC, Windows Media Player or QuickTime.

# Troubleshooting/ Error messages

## TROUBLESHOOTING

Problem	Possible solutions
Impossible to turn on the camera	<ul style="list-style-type: none"> <li>• Verify if there are batteries in the camera.</li> <li>• Verify if the batteries are correctly installed (p.7)</li> <li>• Verify if the battery switch position is positioned according to the power source (p.7).</li> <li>• Install the latest update (available on <a href="http://www.spypoint.com">www.spypoint.com</a> under SUPPORT section).</li> <li>• Replace alkaline batteries or recharge the lithium battery pack.</li> </ul>
The screen of the camera turns off	<ul style="list-style-type: none"> <li>• The camera may be set to PHOTO or VIDEO mode and the screen turns off after a period of 60 seconds in order to preserve battery life.</li> <li>• To return to the screen, turn off the camera and turn it on again.</li> </ul>
The camera does not respond	<ul style="list-style-type: none"> <li>• Remove the batteries and reinstall them (p.7).</li> <li>• Replace alkaline batteries or recharge the lithium battery pack.</li> </ul>
The camera works, but is losing its time and date settings	<ul style="list-style-type: none"> <li>• The time battery must be replaced (p.8).</li> </ul>
Impossible to take photos/videos	<ul style="list-style-type: none"> <li>• Verify if there are batteries in the camera.</li> <li>• Replace alkaline batteries or recharge the lithium battery pack.</li> <li>• Memory card is full.</li> <li>• Verify if the camera is turned on.</li> </ul>
No person/animal on photos	<ul style="list-style-type: none"> <li>• Sunrise or sunset can trigger the sensor. Camera must be re-orientated.</li> <li>• At night, the motion detector may detect beyond the range of the IR illumination. Reduce distance setting (p.12).</li> <li>• Small animals may trigger the unit. Reduce distance setting (p.12) and/or raise height of camera.</li> <li>• Motion detector may detect animals through foliage.</li> <li>• If a person or animal moves quickly, it may move out of the camera's field of view before the photo is taken. Move the camera further back or redirect the camera.</li> <li>• Make sure the mounting post or tree is stable and does not move.</li> </ul>

Red light in front of the camera blinks	<ul style="list-style-type: none"> <li>• MODE switch is in SET/TEST.</li> <li>• MODE switch is in PHOTO or VIDEO. The red light in front of the camera flashes for 60 seconds to allow the user to leave without being photographed or recorded.</li> </ul>
The photos/videos do not appear on the television	<ul style="list-style-type: none"> <li>• Verify if the camera is correctly connected to the television using the RCA cable (p.11).</li> <li>• Verify if the memory card contains photos/videos.</li> </ul>
The computer does not recognize the camera	<ul style="list-style-type: none"> <li>• Verify if the camera is properly connected to the computer using the USB cable (p.14).</li> </ul>
The computer can't play videos	<ul style="list-style-type: none"> <li>• The .MP4 video format requires the use of a video player software compatible such as VLC, Windows Media Player or QuickTime.</li> </ul>

## ERROR MESSAGES



There is no memory card in the camera, insert a card.



The memory card is full, delete the files or use a new memory card.

## Available accessories

To obtain more information on the available accessories, go to [www.spypoint.com](http://www.spypoint.com). Here are the main accessories available:

### POWER



#### 12V DC Power cable

#CB-12FT, 12 ft power cable with alligator clips at one end to connect a 12V battery to a camera.



#### 12-volt Adaptor

#AD-12V, AC adaptor (6V to 12V). Powers the camera from an electrical outlet.



#### Lithium battery pack

#LIT-09, Additional rechargeable lithium battery pack fits most SPYPOINT products.



#### Lithium battery pack & charger

#LIT-C-8, Rechargeable lithium battery pack and AC charger with charge indicator light. Fits most SPYPOINT products.



#### Rechargeable 6V-12V battery, charger & housing kit

#KIT6V-12V, Universal kit with two 6V rechargeable batteries (2.8Ah), with 6V (5.6Ah) and 12V (2.8Ah) output configuration and AC charger. Water resistant ABS plastic case, 12 ft power cable and strap included. Camo pattern. Compatible with all SPYPOINT products equipped with a 12V power jack.



#### Rechargeable 12V battery & charger set

#BATT-12V, 12-volt 7.0Ah rechargeable battery and AC charger to power the camera.



#### Rechargeable 12V battery, charger & housing kit

#KIT-12V, 12-volt 7.0Ah rechargeable battery with a water resistant ABS plastic case, AC charger, 12 ft power cable (#PW-12FT) and carrying strap included. Compatible with all SPYPOINT products equipped with a 12V power jack.



#### Spare power cable

#PW-12FT, Spare 12 ft power cable, to connect the camera to the KIT-12V.



#### Solar panel

(BF-8, HD-7, ECLYPSE, M8, C6)  
#SP-12V, Solar panel with adjustable steel mounting kit. Maintains the charge of the lithium battery pack directly into compatible devices. Can also be combined with any 12-volt battery. 9 ft power cable.

### MEMORY CARD



#### SD Memory card 8GB

#SD-8GB, SDHC memory card 8 GB, High speed Class 6.

## Available accessories

### INSTALLATION AND SECURITY



#### Cable lock

#CL-6FT, 6 ft cable lock fits all SPYPOINT cameras.



#### Camera mount

#MA-360, Adjustable mounting arm, fits all cameras that have a standard 1/4-20" tripod mount. It can rotate 360° and tilt approx +/- 90°. Also available in black.



#### Steel security box

#SB-91, Steel box to secure the camera against theft. It also protects it from breakage caused by bears or other animals. Fits all SPYPOINT 5.1" W x 6.9" H x 2.6" D cameras (except TINY, LIVE, SMART and SUMMIT PRO series). Also available in black.



#### Tripod

#TP-CAM, SPYPOINT Lightweight tripod, in black aluminum, with a unique anchor system and a removable quick release plate. Max. height: 4.9 ft (1.5 m), min. height: 1.7 ft (0.5 m), max. load weight: 11 lbs (5 kg). Fits most SPYPOINT products.

### INFRARED BOOSTER



#### Invisible LEDs IR-Booster

#IRB-W-B, 100 invisible LEDs (completely invisible to the naked eye) wireless infrared module that allows the user to amplify the infrared lights at night for clearer shots. Compatible with REMOS technology. When used with REMOS compatible cameras, the transmitter is not necessary.



#### IR-Booster

#IRB-W, 100 LED wireless infrared module that allows the user to amplify the strength of the infrared lights for clearer night shots.

## Specifications (BF-6)

Photo recording	
Photo resolution	3 MP, 6 MP
File format	JPG
Multi-shot mode	Up to 4 photos per detection
Stamp <b>(only on photos)</b>	Date, time, temperature (°C/°F) and moon phase
Capture mode	Color by day, black and white by night
Video recording	
Video resolution	320 x 240, 640 x 480
File format	AVI
Sequence length	Adjustable from 10 to 90 s
Capture mode	Color by day, black and white by night
Memory storage	
Support	<ul style="list-style-type: none"> <li>•Internal memory : none</li> <li>•External memory : SD/SDHC card (up to 32 GB)</li> </ul>
Viewing	
TV output	Composite video (PAL/NTSC)
Computer output	USB 2.0
Power source	
Accessories sold separately, p.16	
Alkaline or lithium batteries	6 x AA
Lithium battery pack	Rechargeable battery pack (LIT-09/LIT-C-8)
External (12V jack)	12V battery (KIT6V-12V, KIT-12V, BATT-12V) or 12V adapter (AD-12V)
Detection system	
Motion sensor	PIR
Detection angle	30°
Detection range	Adjustable from 5 to 65 ft
Delay between each detection	Adjustable from 1 to 15 min *Additional 10 s setting

Night time illumination system	
LEDs	35 LEDs
Type	Invisible LEDs
Exposure	Automatic infrared level adjustment
Optical field of view	
50°	
Dimensions	
5.1" W x 6.9" H x 2.6" D	
Recommendations	
Operating temperature	(-4 °F to +122 °F) (-20 °C to + 50 °C)
Storage temperature	(-22 °F to +167 °F) (-30 °C to + 75 °C)

## Specifications (BF-8)

Photo recording	
Photo resolution	3 MP, 8 MP
File format	JPG
Multi-shot mode	Up to 4 photos per detection
Stamp <b>(only on photos)</b>	Date, time, temperature (°C/°F) and moon phase
Capture mode	Color by day, black and white by night
Video recording	
Video resolution	320 x 240, 640 x 480
File format	AVI
Sequence length	Adjustable from 10 to 90 s
Capture mode	Color by day, black and white by night
Audio	
Sound recording (Automatically recorded in video mode)	Mono
Memory storage	
Support	<ul style="list-style-type: none"> <li>•Internal memory : none</li> <li>•External memory : SD/SDHC card (up to 32 GB)</li> </ul>
Viewing	
TV output	Composite video (PAL/NTSC)
Computer output	USB 2.0
Power source	
Accessories sold separately, p.16	
Alkaline or lithium batteries	6 x AA
Lithium battery pack	Rechargeable battery pack (LIT-09/LIT-C-8)
External (12V jack)	12V battery (KIT6V-12V, KIT-12V, BATT-12V) or 12V adapter (AD-12V)
Solar panel	Solar panel (SP-12V) combined with rechargeable battery pack (LIT-09/LIT-C-8)

Detection system	
Motion sensor	PIR
Detection angle	30°
Detection range	Adjustable from 5 to 65 ft
Delay between each detection	Adjustable from 1 to 15 min *Additional 10 s setting
Night time illumination system	
LEDs	46 LEDs
Type	Invisible LEDs
Exposure	Automatic infrared level adjustment
Optical field of view	
50°	
Dimensions	
5.1" W x 6.9" H x 2.6" D	
Recommendations	
Operating temperature	(-4 °F to +122 °F) (-20 °C to + 50 °C)
Storage temperature	(-22 °F to +167 °F) (-30 °C to + 75 °C)

## Specifications (HD-7)

Photo recording	
Photo resolution	3 MP, 7 MP
File format	JPG
Multi-shot mode	Up to 4 photos per detection
Stamp <b>(only on photos)</b>	Date, time, temperature (°C/°F) and moon phase
Capture mode	Color by day, black and white by night
Video recording	
Video resolution	640 x 480, 1280 x 720 (HD 720p)
File format	AVI
Sequence length	Adjustable from 10 to 90 s
Capture mode	Color by day, black and white by night
Audio	
Sound recording (Automatically recorded in video mode)	Mono
Memory storage	
Support	<ul style="list-style-type: none"> <li>• Internal memory : none</li> <li>• External memory : SD/SDHC card (up to 32 GB)</li> </ul>
Viewing	
TV output	Composite video (PAL/NTSC)
Computer output	USB 2.0
Power source	
Accessories sold separately, p.16	
Alkaline or lithium batteries	6 x AA
Lithium battery pack	Rechargeable battery pack (LIT-09/LIT-C-8)
External (12V jack)	12V battery (KIT6V-12V, KIT-12V, BATT-12V) or 12V adapter (AD-12V)
Solar panel	Solar panel (SP-12V) combined with rechargeable battery pack (LIT-09/LIT-C-8)

Detection system	
Motion sensor	PIR on the camera
Detection angle	30°
Detection range	Adjustable from 5 to 65 ft
Delay between each detection	Adjustable from 1 to 15 min *Additional 10 s setting
Night time illumination system	
LEDs	46 LEDs
Type	Infrared LEDs
Exposure	Automatic infrared level adjustment
Optical field of view	
50°	
Dimensions	
5.1" W x 6.9" H x 2.6" D	
Recommendations	
Operating temperature	(-4 °F to +122 °F) (-20 °C to + 50 °C)
Storage temperature	(-22 °F to +167 °F) (-30 °C to + 75 °C)

## Specifications (2N1)

### Photo recording

Photo resolution	3 MP, 5 MP
File format	JPG
Multi-shot mode	Up to 4 photos per detection
Stamp <b>(only on photos)</b>	Date, time and moon phase
Capture mode	Color by day and night (with flash) Black and white by night (with IR)

### Video recording

**Note:** It is recommended to use the IR unit when the camera is set to VIDEO mode.

Video resolution	320 x 240, 640 x 480
File format	AVI
Sequence length	Adjustable from 10 to 90 s
Capture mode	Color by day, black and white by night (with IR) *Video available at night with the IR unit only

### Memory storage

Support	<ul style="list-style-type: none"> <li>• Internal memory : none</li> <li>• External memory : SD/SDHC card (up to 32 GB)</li> </ul>
---------	--

### Viewing

TV output	Composite video (PAL/NTSC)
Computer output	USB 2.0

### Power source

Accessories sold separately, p.16

Alkaline or lithium batteries	6 x AA
Lithium battery pack	Rechargeable battery pack (LIT-09/LIT-C-8)
External (12V jack)	12V battery (KIT6V-12V, KIT-12V, BATT-12V) or 12V adapter (AD-12V)

### Detection system

Motion sensor	PIR
Detection angle	30°
Detection range	Adjustable from 5 to 65 ft
Delay between each detection	Adjustable from 1 to 15 min *Additional 10 s setting

### Night time illumination system

LEDs	35 LEDs
Type	Invisible LEDs
Flash	Flash unit
Exposure	Automatic infrared level adjustment

### Optical field of view

50°

### Dimensions

5.1" W x 6.9" H x 2.6" D

### Recommendations

Operating temperature	(-4 °F to +122 °F) (-20 °C to + 50 °C)
Storage temperature	(-22 °F to +167 °F) (-30 °C to + 75 °C)

## Specifications (ECLYPSE)

Photo recording	
Photo resolution	3 MP, 5 MP
File format	JPG
Multi-shot mode	Up to 4 photos per detection
Stamp <b>(only on photos)</b>	Date, time
Capture mode	Color by day, black and white by night
Video recording	
Video resolution	320 x 240, 640 x 480
File format	AVI
Sequence length	Adjustable from 10 to 90 s
Capture mode	Color by day, black and white by night
Audio	
Sound recording (Automatically recorded in video mode)	Mono
Memory storage	
Support	<ul style="list-style-type: none"> <li>• Internal memory : none</li> <li>• External memory : SD/SDHC card (up to 32GB)</li> </ul>
Viewing	
TV output	Composite video (PAL/NTSC)
Computer output	USB 2.0
Power source	
Accessories sold separately, p.16	
Alkaline or lithium batteries	6 x AA
Lithium battery pack	Rechargeable battery pack (LIT-09/LIT-C-8)
External (12V jack)	12V battery (KIT6V-12V, KIT-12V, BATT-12V) or 12V adapter (AD-12V)
Solar panel	Solar panel (SP-12V) combined with rechargeable battery pack (LIT-09/LIT-C-8)

Detection system	
Motion sensor	PIR
Detection angle	30°
Detection range	Adjustable from 5 to 65 ft
Delay between each detection	Adjustable from 1 to 15 min *Additional 10 s setting
Night time illumination system	
LEDs	35 LEDs
Type	Invisible LEDs
Exposure	Automatic infrared level adjustment
Optical field of view	
50°	
Dimensions	
5.1" W x 6.9" H x 2.6" D	
Recommendations	
Operating temperature	(-4 °F to +122 °F) (-20 °C to + 50 °C)
Storage temperature	(-22 °F to +167 °F) (-30 °C to + 75 °C)

## Specifications (M8)

Photo recording	
Photo resolution	3 MP, 8 MP
File format	JPG
Multi-shot mode	Up to 4 photos per detection
Stamp <b>(only on photos)</b>	Date, time, temperature (°C/°F) and moon phase
Capture mode	Color by day, black and white by night
Video recording	
Video resolution	320 x 240, 640 x 480
File format	AVI
Sequence length	Adjustable from 10 to 90 s
Capture mode	Color by day, black and white by night
Audio	
Sound recording (Automatically recorded in video mode)	Mono
Memory storage	
Support	<ul style="list-style-type: none"> <li>• Internal memory : none</li> <li>• External memory : SD/SDHC card (up to 32 GB)</li> </ul>
Viewing	
TV output	Composite video (PAL/NTSC)
Computer output	USB 2.0
Power source	
Accessories sold separately, p.16	
Alkaline or lithium batteries	6 x AA
Lithium battery pack	Rechargeable battery pack (LIT-09/LIT-C-8)
External (12V jack)	12V battery (KIT6V-12V, KIT-12V, BATT-12V) or 12V adapter (AD-12V)
Solar panel	Solar panel (SP-12V) combined with rechargeable battery pack (LIT-09/LIT-C-8)

Detection system	
Motion sensor	PIR
Detection angle	30°
Detection range	Adjustable from 5 to 65 ft
Delay between each detection	Adjustable from 1 to 15 min *Additional 10 s setting
Night time illumination system	
LEDs	46 LEDs
Type	Invisible LEDs
Exposure	Automatic infrared level adjustment
Optical field of view	
50°	
Dimensions	
5.1" W x 6.9" H x 2.6" D	
Color	
Special hunting camouflage pattern officially licensed LOST CAMO®	
Recommendations	
Operating temperature	(-4 °F to +122 °F) (-20 °C to + 50 °C)
Storage temperature	(-22 °F to +167 °F) (-30 °C to + 75 °C)

## Specifications (C6)

Photo recording	
Photo resolution	3 MP, 6 MP
File format	JPG
Multi-shot mode	Up to 4 photos per detection
Stamp <b>(only on photos)</b>	Date, time, temperature (°C/°F) and moon phase
Capture mode	Color by day, black and white by night
Video recording	
Video resolution	320 x 240, 640 x 480
File format	AVI
Sequence length	Adjustable from 10 to 90 s
Capture mode	Color by day, black and white by night
Memory storage	
Support	<ul style="list-style-type: none"> <li>• Internal memory : none</li> <li>• External memory : SD/SDHC card (up to 32 GB)</li> </ul>
Viewing	
TV output	Composite video (PAL/NTSC)
Computer output	USB 2.0
Power source	
Accessories sold separately, p.16	
Alkaline or lithium batteries	6 x AA
Lithium battery pack	Rechargeable battery pack (LIT-09/LIT-C-8)
External (12V jack)	12V battery (KIT6V-12V, KIT-12V, BATT-12V) or 12V adapter (AD-12V)
Solar panel	Solar panel (SP-12V) combined with rechargeable battery pack (LIT-09/LIT-C-8)
Detection system	
Motion sensor	PIR
Detection angle	30°
Detection range	Adjustable from 5 to 65 ft
Delay between each detection	Adjustable from 1 to 15 min *Additional 10 s setting

Night time illumination system	
LEDs	46 LEDs
Type	Invisible LEDs
Exposure	Automatic infrared level adjustment
Optical field of view	
50°	
Dimensions	
5.1" W x 6.9" H x 2.6" D	
Operating temperature	(-4 °F to +122 °F) (-20 °C to + 50 °C)
Storage temperature	(-22 °F to +167 °F) (-30 °C to + 75 °C)

# Regulation

## FCC REGULATIONS

FCC Part 15

**FC** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.

**CE** Hereby, GG Telecom declares that this camera is in compliance with the essential requirements and other relevant provisions of Directive 99/5/EC. The user can obtain a copy of the Declaration of Conformity by e-mail at [info@spypoint.com](mailto:info@spypoint.com).



**RoHS**

# Regulation

## FCC REGULATIONS

FCC Part 15

**FC** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.

**CE** Hereby, GG Telecom declares that this camera is in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC. The user can obtain a copy of the Declaration of Conformity by e-mail at [info@spypoint.com](mailto:info@spypoint.com).



## Limited warranty and repair (2N1 only)

This SPYPOINT product designed by GG Telecom, is covered by a one (1) year warranty for 2N1 cameras purchased **before 2014**; two (2) years warranty for 2N1 cameras purchased **from 2014**. This Material and Workmanship warranty applies from the original date of purchase. The sales receipt is your proof of purchase and must be presented if warranty service is needed. This warranty will be honored in the country of purchase only.

This warranty does not cover any GG Telecom product which has been subjected to misuse, neglect and accidents or has been improperly used or maintained. In addition, this warranty is not applicable for all products purchased online from an unauthorized dealer. Any modification or tampering of the product will affect its operation, performance, durability and voids this warranty.

### INSTRUCTIONS FOR REPAIR SERVICE

GG Telecom will repair the product without charge or replace it at its discretion with an equivalent product, if it has a manufacturing defect covered by the warranty described previously. We will pay the shipping costs only for the return of the products covered by the warranty. The shipping costs for an item sent to us will be assumed by the customer.

Repairs for damages not covered by the warranty will be subject to a reasonable charge. The customer will pay all shipping costs.

- 1. BEFORE** sending a product for repair, please contact our technical support team at 1-888-779-7646 or tech@spypoint.com. Clearly describe the problem and give a phone number where we can reach you. It happens regularly that some problems can be solved over the phone.
- 2.** If a product needs to be sent, an RMA number will be given to the customer (Return Merchandise Authorization).
- 3.** Prepare a package for GG Telecom and include the original receipt or a copy.
- 4.** Write the RMA number on the outside of the package and send it to:

CANADA  
GG Telecom  
120 J.Aurèle-Roux  
Victoriaville, QC  
G6T 0N5

United States  
GG Telecom  
555 VT route 78  
Swanton, Vermont  
05488

**IMPORTANT:** Under no circumstances will GG Telecom accept returned products without a Return Material Authorization number (RMA). It is essential to contact us before making a return.

The customer is liable for loss or damage to the product that may occur during the transport to GG Telecom. We recommend you to use a traceable method of shipping to ensure your protection.

[WWW.SPYPOINT.COM](http://WWW.SPYPOINT.COM)

## Limited warranty and repair

This SPYPOINT product designed by GG Telecom, is covered by a one (1) year warranty on material and workmanship starting from the original date of purchase. The sales receipt is your proof of purchase and must be presented if warranty service is needed. This warranty will be honored in the country of purchase only.

This warranty does not cover any GG Telecom product which has been subjected to misuse, neglect and accidents or has been improperly used or maintained. In addition, this warranty is not applicable for all products purchased online from an unauthorized dealer. Any modification or tampering of the product will affect its operation, performance, durability and voids this warranty.

### INSTRUCTIONS FOR REPAIR SERVICE

GG Telecom will repair the product without charge or replace it at its discretion with an equivalent product, if it has a manufacturing defect covered by the warranty described previously. We will pay the shipping costs only for the return of the products covered by the warranty. The shipping costs for an item sent to us will be assumed by the customer.

Repairs for damages not covered by the warranty will be subject to a reasonable charge. The customer will pay all shipping costs.

- 1. BEFORE** sending a product for repair, please contact our technical support team at 1-888-779-7646 or tech@spypoint.com. Clearly describe the problem and give a phone number where we can reach you. It happens regularly that some problems can be solved over the phone.
- 2.** If a product needs to be sent, an RMA number will be given to the customer (Return Merchandise Authorization).
- 3.** Prepare a package for GG Telecom and include the original receipt or a copy.
- 4.** Write the RMA number on the outside of the package and send it to:

CANADA  
GG Telecom  
120 J.Aurèle-Roux  
Victoriaville, QC  
G6T 0N5

United States  
GG Telecom  
555 VT route 78  
Swanton, Vermont  
05488

**IMPORTANT:** Under no circumstances will GG Telecom accept returned products without a Return Material Authorization number (RMA). It is essential to contact us before making a return.

The customer is liable for loss or damage to the product that may occur during the transport to GG Telecom. We recommend you to use a traceable method of shipping to ensure your protection.

[WWW.SPYPOINT.COM](http://WWW.SPYPOINT.COM)