Welcome to buy SG-880V Infrared digital game camera. For making best use of all functions of the camera, please read this user’s manual carefully before using it.
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**General Information**

Model no.:SG-880V(940nM), Patent no.:201530301477.9

This camera is our patent product, HD IR game camera with great performance.

It can be triggered by any movement of human or animals or vehicle in a certain region of interested (ROI) monitored by a highly sensitive Passive Infra-Red motion sensor (PIR), and then take high quality pictures (up to 12 mega pixels) or video clips.

It also has time laps function, which means the camera can capture pictures or video clips at specified time intervals regardless of if there is a motion of human or animals.

The device is equipped with 940nm invisible infrared dark LEDs for optional; it takes clear black & white pictures or videos in even in the dark night.

940nm: a kind of LED, has weak Red glow. People and animal’s eyes are hard to find it. So camera with 940nm LED is more suitable for security and scouting. SG-880V has 36pcs 940nm LED with black cover, it is totally invisible at night.

The camera consumes very little power (0.2-0.3A level) at surveillance mode. Powered by 8 new AA alkaline batteries, the camera stands-by about 6 months. Once a motion by human or animals is detected, the digital camera unit will be awaken up at once and then automatically take pictures or videos according to previously programmed settings.

The device is designed for outdoor use and is resistant against water and snow. Furthermore, the camera can be used as a portable digital camera. Pictures or videos can be taken manually by pressing Shot button on the operation panel.

**Storing conditions**

Operating Enviroment: -33 to 122 deg F(-30 to 60 deg C), 20-85% relative humidity, non-condensing.

**Warranty**

Your scouting camera is covered by Warranty on parts and labor from the date of original purchase, and purchases must be made through an authorized dealer. Warranty period is complying with dealers' legal requirement. The warranty covers defects in workmanship and materials. The warranty does not apply to units, which have been damaged or abused intentionally or unintentionally. A purchase from individuals or unauthorized internet sites such as eBay voids the warranty. Tampering with or altering the unit will void the warranty. Any unauthorized service will void warranty. A copy of your original sales receipt must be produced for any warranty service.

**WARNING:**

Reading User’s manual before using it. Changes or modification to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Cautions:**

- Please do not insert or take out the SD card when the power switch is at ON position. SD card should be Class 10.
- The working voltage of the camera is 12V. The camera is supplied by eight AA batteries.
- Please install batteries according to shown polarity.
- Please use good quality AA batteries and take out batteries when camera is free long time.
- In the TEST mode, the camera will shut down automatically after 30s if no operation is done. Please turn on the power again if you want to continue to work with the control.
- It is recommended to format the SD-card by the camera when used at the first time.
- Please keep power on when camera is upgrading. Wait for 5seconds after upgrading or power off.
- Keep camera far away from hot and heat source, vent of air condition, lighting etc to avoid false trigger and shorten camera life.

**NOTE:** This camera is a precision electronic device. Do not attempt to service his camera yourself, as opening or removing covers may expose you to dangerous voltage points or other risks.
**Application**

- Trail animals trace or habit, camera be used as trail camera for hunting or monitoring animals by recording the traces of wild animals. Is camera trap for animals, or for wildlife camera.
- Wildlife observation, Monitor plant, animals growing up.
- Ecological monitoring and researching.
- Traffic/surrounding surveillance, Camp hiking/exploring caves.
- Security and surveillance: This camera can be used as automatic surveillance device for guarding and recording unexpected intrusion: Indoor & outdoor security (home, supermarket, warehouse, school, office, garden, mine filed, building, Depots, worksites etc).
- It can be left alone for weeks and months and it will save event records automatically in digital format.
- It can be used as hidden camera for Media, guarder, policeman, military.

**Camera Overview**

- Shell + Inside camera
- Shell Front View
- IR LED
- Light Sensor
- Low battery
- No SD card Indicator
- Work Indicator
- IR LED
- PIR

**Light sensitive**
Up to 75ft with 36pcs IR LED

- Multi-shot 1-9 photos
- Camera lens
- Up to 32GB SD card
- 2.0" Color view screen
- Password protection
- USB Port
- Mode: Photo/Video/Time Lapse
- Hybrid/ Motion Detection
- DC12V/1A TV OUT
- Battery Ejector
- Microphone records sound in HD video mode

**Mounting Strap slots**

**Tripod Nut**
**Quick Start Guide**

This guide is designed to get you up and running in a matter of moments. To get the most out of this Invisible IR Guard Camera tools, please read the manual thoroughly before operating. If you would like to modify any of the factory Default Settings, except for the Time & Date, please see manual for instructions.

**Cautions** Accepts Up to a 32GB SD card for photo storage. Format SD card and SD Card must be installed for the camera to operate. Insert SD card according to the correct Front and back side of ICON on camera.

**Power Supply**
The Camera is designed to operate using two different types of battery power options.

**Batteries AA**
To supply power for the camera, eight size AA batteries*8 are needed.

**DC 12V external power**
The camera is equipped with an external power jack designed to accept a barrel plug cable of DC 12V adaptor (Input:110~ 240V, 50/60Hz, output:12V/1A~2A), solar panel or 12V power bank or storage battery(Sold separately).

**Cautions** In the Test mode, the camera will shut down automatically after 30seconds if no operation is done. Please press MENU again if you want to continue to work.

Lighting indicated:
- Switch Test mode, Red LED is lighting to identify the capture area.
- No memory — Red/Blue light blink.
- Low power — Blue light blink.
- Switch ON mode, LED screen will show countdown 30seconds, Red & Blue light will keep lighting at last 3seconds.

**Power on**
The camera has three basic operation modes:
**OFF mode:** to turn off the camera.(should wait 4s at least then go next step)
**TEST mode:** to set operational parameters.
**ON mode:** to work under surveillance status.

Switch camera to Test or ON position after inserting SD card and put in 8'AA batteries or connect power.
Enter into the TEST Mode
Preview the scene in LCD screen;
Test PIR detection;
Manual capturing (Press "Mode" to choose five modes);
"Replay" Playback Picture and video (Press "DEL" to delete picture or video);
"MENU" Setting camera;

Manual Capturing

★ Hot keys:
Up/Down/Left/Right/ENTER
Press "OK" to confirm your operation

MENU
In Test mode, press MENU to manually customizing the camera setting

ENTER
In Test mode, press "ENTER" to capture photos or record videos.

Enter into the ON Mode
Switch camera to ON position after setting camera
LCD screen will turn off after countdown 30s, Red & Blue light will keep lighting 3s then camera is working. Photos and videos are saved in SD card.

Cautions* In the "ON" Mode, LCD screen will be auto shut down, and hot keys are not workable.

Replay/Delete picture and video
Press "Replay" to playback, Press "DEL" to delete picture and video

The camera offers the user different options for viewing their images.

A. Viewing files on computer via USB connection
   - Make sure the camera’s power switch is in the OFF position.
   - The camera will automatically power ON and display the word- USB on the LCD display.
   - At the same time, your computer will recognize the camera as a Removable Storage device. You will find it under MY COMPUTER.

Cautions* Press "OK" to read SD card or camera work at WEB camera

B. Viewing files on TV via TV cable connection
   - Attach the provided TV out cable to the TV port on the bottom of the camera.
   - Insert the other end into the RCA VIDEO IN jacks on the TV.
   - Turn on TV
   - Switch camera to "Test" mode, press "Replay" to view image.
   - Make sure to switch to AUX / VIDEO IN mode on your TV.

Cautions* LCD screen will shut down automatically to save power.

   * Press LEFT/RIGHT button to choose image/video. Press OK button to back TEST mode while playing video.
   * Press DEL button to delete one image or video
   * In "MENU"->"Format" to delete all images or videos.
   * Video volume: Turn up/down by TV or computer
   * Live surveillance device
   "MENU"->"Power manage"->"Real time Away" to set camera as a live surveillance device. (This function is able to work at an extensible 2.4G wireless device or a WEB camera to live surveillance, capture pictures...etc)

C, Viewing files on computer via SD card reader
D, Viewing picture in "TEST" mode after press "Replay"

Power OFF
Switch to OFF position to power off the camera. And wait more 3seconds.
Please note that even in the OFF mode, the camera still consumes certain power at A level. Therefore, please remove the battery if the camera will not be used for a long time.
Menu Overview

In "TEST" Mode, Press "Menu" button to set camera parameters

<table>
<thead>
<tr>
<th>Code</th>
<th>MENU</th>
<th>Settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mode</td>
<td>Photo / Video / Timelapse / Hybrid(Camera+Video) / Motion detection</td>
</tr>
<tr>
<td>2</td>
<td>Set Clock</td>
<td>MM/DD/YY HH/MM</td>
</tr>
<tr>
<td>3</td>
<td>Digital Zoom</td>
<td>OFF 2/3/4 times</td>
</tr>
<tr>
<td>4</td>
<td>Image Size</td>
<td>12M/6M/5M/2M</td>
</tr>
<tr>
<td>5</td>
<td>Picture No.</td>
<td>1-9 Image Burst (.JPG)</td>
</tr>
<tr>
<td>6</td>
<td>Video Size</td>
<td>Full HD1920 x 1080 / HD1280 x 720 (.AVI)</td>
</tr>
<tr>
<td>7</td>
<td>Video Length</td>
<td>5-90s</td>
</tr>
<tr>
<td>8</td>
<td>Audio Recording</td>
<td>On/Off</td>
</tr>
<tr>
<td>9</td>
<td>TV Out Type</td>
<td>PAL/NTSC</td>
</tr>
<tr>
<td>10</td>
<td>Power Manage</td>
<td>Normal/Real Time Away</td>
</tr>
<tr>
<td>11</td>
<td>PIR Interval</td>
<td>1s-60M</td>
</tr>
<tr>
<td>12</td>
<td>Time Lapse</td>
<td>1sec-24H</td>
</tr>
<tr>
<td>13</td>
<td>Timer Setting</td>
<td>Start H:M End H:M</td>
</tr>
<tr>
<td>14</td>
<td>Time Stamp</td>
<td>ON/OFF</td>
</tr>
<tr>
<td>15</td>
<td>Temperature</td>
<td>Fahrenheit/Celsius</td>
</tr>
<tr>
<td>16</td>
<td>Battery CALC</td>
<td>Percentage/Day</td>
</tr>
<tr>
<td>17</td>
<td>Frequency</td>
<td>50/60Hz</td>
</tr>
<tr>
<td>18</td>
<td>Camera Name</td>
<td>0-9/A-Z 23Digits</td>
</tr>
<tr>
<td>19</td>
<td>Security Enable (Password)</td>
<td>ON/OFF 0000</td>
</tr>
<tr>
<td>20</td>
<td>Latitude</td>
<td>000.000000 N/S</td>
</tr>
<tr>
<td>21</td>
<td>Longitude</td>
<td>000.000000 E/W</td>
</tr>
<tr>
<td>22</td>
<td>Wifi SD Card</td>
<td>ON/OFF</td>
</tr>
<tr>
<td>23</td>
<td>Language</td>
<td>English/German/Russian/French/Czech/Swedish/Japanese</td>
</tr>
<tr>
<td>24</td>
<td>Format</td>
<td>NO/YES</td>
</tr>
<tr>
<td>25</td>
<td>Default Set</td>
<td>NO/YES</td>
</tr>
<tr>
<td>26</td>
<td>System</td>
<td>FW Version/FW Update (Use SD card to update FW)</td>
</tr>
</tbody>
</table>
Camera Setup and Program

Parameters Setting
User can set parameter with guide information on camera LCD or connect TV to set. All parameters setting should be in "TEST" Mode.

Power ON and Test Mode
Switch camera to "TEST" position.

In "Test" mode, the shooting information will be display on the screen:

Cautions* Please insert SD card before power on. When there is no SD card or low memory, red light and blue light will blink. When camera connect with external power, “EXT” will be displayed on the left down corner of LCD screen. Not calculated battery level at Percent/ Days.

Cautions* Five modes: Photo/Video/Time Lapse/Hybrid Mode/Motion Detection

Set Camera Mode:
- Slide the switch to "Test" position
- Press the "MENU" button once
- LCD display will show "MODE" on camera status screen
- Press OK button to set "Mode"
- Press UP/Down button to select mode and the option will be highlighted
- Press OK button to save the current setting
- Press Menu button to cancel setting and return to information display

1) Photo: 12mp/8mp/5mp/2mp
2) Video: Full HD 1920x1080/HD 1280x720
3) Time Lapse: 1 second-24 Hours (Photo only)/Plot garden watch camera
4) Hybrid Mode: a photo + a video
5) Motion detection (Video only):
   - This mode take video according to detect light movement. It is better to capture for Cold blood animals. Best effective capture distance is in 3meters. (The function is for cold blood animal. If user set camera for security and scouting, please select other four modes, for Cold blood animals. Time Lapse also is ok)
Press OK button to save the current setting
Press Menu button to cancel setting and exit

**Video Size**—FHD1080/(HD)720
- Slide the switch to “Test” position
- Press the “MENU” button once
- Press UP/Down button to select “Video Size”
- Press OK button to enter “Video Size”
- Press UP/Down button to select Video size
- Press OK button to save the current setting
- Press Menu button to cancel setting and exit
*Default setting is 1280x720

**Video Length**—5-90seconds
- Slide the switch to “Test” position
- Press the “MENU” button once
- Press UP/Down button to select “Video Length” and OK button to enter “Video Length”
- Press UP/Down button to decrease/increase Video Length
- Press OK button to save the current setting
- Press Menu button to cancel setting and exit
*Default setting is 5s

**Audio Recording**—ON/OFF
- Slide the switch to “Test” position
- Press the “MENU” button once
- Press UP/Down button to select “Audio Recording” and OK button to enter
- Press UP/Down button to select audio
- Press OK button to save the current setting
- Press Menu button to cancel setting and exit
*Default setting is ON

**TV Out Type**—PAL/NTSC
- Slide the switch to “Test” position
- Press the “MENU” button once
- Press UP/Down button to select “TV Out Type” and Press OK to enter
- Press UP/Down button to select TV output type
- Press OK button to save the current setting
- Press Menu button to cancel setting and exit
*Default setting is PAL

**Power Manage**—Normal/Realtime Away
- Slide the switch to “Test” position
- Press the “MENU” button once
- Press UP/Down button to select “Power Manage” and Press OK button to enter
- Press UP/Down button to select
- Press OK button to save the current setting
- Press Menu button to cancel setting and exit
*Default setting is Normal
Realtime Away is used to connect TV for real time monitor.

**PIR Interval**—1second-60minutes (PIR motion detection mode)
This parameter means that how long the PIR will be disabled after each triggering in ON mode. During this time the PIR of the device will not react to the motion of human (or animals). The minimum interval is 1second, it means the PIR will be disabled for 1s after each triggering.
*Default setting is 1s
- Slide the switch to “Test” position
- Press the “MENU” button once
- Press UP/Down button to select “PIR Interval” and Press OK button to enter
- Press UP/Down/Left/Right button to select
- Press OK button to save the current setting
- Press Menu button to cancel setting and exit
Time Lapse—10second-24hours (Time Lapse mode)
This Parameter defines camera captures images at a preset time intervals regardless of whether there are motions get detected. This function is only taking picture, no video.

*Default setting is 10s.*
- Slide the switch to “Test” position
- Press the “MENU” button once
- Press UP/Down button to select “Time Lapse” and Press OK button to enter
- Press UP/Down/Left/Right button to select
- Press OK button to save the current setting
- Press Menu button to cancel setting and exit

Timer setting
This parameter defines a certain time lapse in a day when the camera can be triggered. In the rest of the time the device is shut off. The effective value range from 00:00 (HH:MM) to 23:59(HH:MM)
Timer setting OFF means the camera works all along; Timer setting ON means the camera works only during the time according to the preset setting.

*Default setting is 06:00 to 18:00. Camera works from 06:00 a.m. to 06:00 p.m. only.*
- Slide the switch to “Test” position
- Press the “MENU” button once
- Press UP/Down button to select “Timer setting” and Press OK button to enter
- Press UP/Down/Left/Right button to select start time and end time
- Press OK button to save the current setting
- Press Menu button to cancel setting and exit

Timer Stamp—ON/OFF
- Slide the switch to “Test” position
- Press the “MENU” button once
- Press UP/Down button to select “Timer Stamp” and Press OK button to enter
- Press UP/Down button to select ON/OFF
- Press OK button to save the current setting
- Press Menu button to cancel setting and exit

This Parameter defines whether the date/time/Pressure/Temperature/Moon Phase/Camera name be stamped on the pictures and video or not.

*Default setting is ON*

The info strip below will appear at the bottom of the photo/video:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Lunation from to</th>
<th>Actual phase</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-</td>
<td>Time HH:MM:SS</td>
<td></td>
</tr>
<tr>
<td>2-</td>
<td>Date DD/MM/YY</td>
<td></td>
</tr>
<tr>
<td>3-</td>
<td>Pressure</td>
<td></td>
</tr>
<tr>
<td>4-</td>
<td>Temperature(F/C)</td>
<td></td>
</tr>
<tr>
<td>5-</td>
<td>Moon Phase</td>
<td></td>
</tr>
<tr>
<td>6-</td>
<td>6-latitude</td>
<td></td>
</tr>
<tr>
<td>7-</td>
<td>7-Longitude</td>
<td></td>
</tr>
<tr>
<td>8-</td>
<td>Camera name(4digits)</td>
<td></td>
</tr>
</tbody>
</table>

18:46:21 04/21/15 29 73mm 87F 114. 0813868 022. 724444E WHZ1
The Icon for Moon Phase

- New Moon
- Waning Crescent
- First Quarter
- Waning Gibbous
- Full Moon
- Waning Gibbous
- Last Quarter
- Waning Crescent

Temperature—Fahrenheit/Celsius
This parameter defines the temperature stamp on picture/video is Fahrenheit or Celsius.
*Default setting is Celsius.

Battery CALC—Percentage/Day
This parameter defines battery power leave. When camera connect with external power, "EXT" will be displayed on the left down corner of LCD screen. Not calculated battery storage level at Percent/Days. "100%" means full power
*Default setting is 100%.

Frequency—50Hz/60Hz
When camera connect adaptor plug, user should set frequency same as local power supply frequency. Like TV Out type.
*Default setting is 50Hz.

Camera Name—4digits
The Camera Name stamp on the photos/videos. Character A to Z, 0 to 9 or space.
*Default setting is 0000.

Security Enable—ON/OFF
This function is for user to set a password to protect the camera. Turn "ON" security Enable, key in security code. (Digits 0-9)
*Default setting is OFF.

Latitude—S/N
This GPS function allows User to manually enter their location from 000.000000N or S to 179.999999 N or S for better and more strategic game tracking. This information will imprint on picture and video.
*Default setting is 000.000000.

Longitude—W/E
This GPS function allows User to manually enter their location from 000.000000E or W
to 179.999999 E or W for better and more strategic game tracking. This information will
imprint on picture and video.
*Default setting is 000.000000.

WIFI SD card—ON/OFF
This camera supports WIFI SD card. When camera turns “ON” this function and inserts
a WIFI SD card, camera works as a router, the user is able to browse and download
pictures/videos in WIFI SD card by Cell phone.
WIFI SD card setting is referring to WIFI
SD card user manual.
*Default setting is OFF.

Language
This camera has eight languages,
English/German/Russia/French/Czech/Swedi
sh/Japanese
*Default setting is English.

Format—NO/YES
This parameter allows deleting all files in SD
card. Make sure you have downloaded and
backed up all files you want to preserve first.

Default Set—NO/YES
To reset the camera setting to the default
set.

System
This parameter allows user check camera FW version and upgrade FW.
Firmware upgrade steps are as following:
1. Ready a SD card and format the SD card
2. Copy New Firmware file in SD card: DRAMPARA.TXT /|SPB|N/PART01.bin /
PART02.bin
3. Insert this SD card in camera, Camera Switch to “Test”, press “Menu” button and
Up/Down button to select “System”
4. Press Up/Down button to select “FW UPDATE” then press OK button
5. Upgrading information is displayed on LCD screen. Keep camera power on until
LCD screen shut down. . (Upgrade process needs 2minutes)
6. Wait for 5seconds after upgrading, then switch to “Test” again, check new FW
version.
*Upgrading is needed only when an improved firmware is available.
Once all program settings have been setup properly, the camera is ready for filed use.

**Getting Started**

Listed below are some helpful pointers on how to use your camera to get the best results:

- Mount the camera about 0.5-2M high with the camera pointed at a slight downward angle.
- Mount the camera facing north or south NOT east or west due to the rising and setting of the sun could produce false triggers and overexposed images.
- If you're covering a trail, face the camera down or up the trail. Most commercial cameras take one seconds to sense motion/heat and take a picture.
- Be sure to avoid mounting the camera facing east or west as the rising and setting of the sun could produce false triggers and over exposed images. Clear all branches and other debris away from the front of the camera so as not to block the camera lens or PIR sensor.
- You can avoid false triggers, you should adjust it, depend on the object or wild animals' size, moved speed and distance.
- Clear out any brush or weeds in front of camera. This will cause false pictures caused wind or high temperature days.

- Double check battery before turning on the camera for use.
- Make sure to insert the Class 10 SD card after setting up the camera.
- Make sure to turn the camera to ON mode (or take out of Test Mode) before you leave.
- Verify time and date is correct.

**Example: Mounting**

- Nut/Holder Mounting
- Tree Mounting
Mount the camera on the way of animal's feeder point, rest area and excise tiled based on animal's Urine, Pugmark, Scrape, Claw mark, Scent-spraying, Prey remain, Rest site, Roar, tract trap, scat etc. 
(Example: Animal's tract trap, urine etc)
Put a Hand-made cover on the top of camera to avoid sunshine directly.

(Example: Hand-made plastic cover)
### Appendix I: Default Settings

<table>
<thead>
<tr>
<th>Code</th>
<th>Parameter Name</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mode</td>
<td>Camera</td>
</tr>
<tr>
<td>2</td>
<td>Set Clock</td>
<td>01/01/2014 00:00</td>
</tr>
<tr>
<td>3</td>
<td>Digital Zoom</td>
<td>1X</td>
</tr>
<tr>
<td>4</td>
<td>Image Size</td>
<td>5MP</td>
</tr>
<tr>
<td>5</td>
<td>Picture No.</td>
<td>1P</td>
</tr>
<tr>
<td>6</td>
<td>Video Size</td>
<td>HD1280 x 720</td>
</tr>
<tr>
<td>7</td>
<td>Video Length</td>
<td>5s</td>
</tr>
<tr>
<td>8</td>
<td>Digital Zoom</td>
<td>On</td>
</tr>
<tr>
<td>9</td>
<td>TV Out Type</td>
<td>PAL</td>
</tr>
<tr>
<td>10</td>
<td>Power Manage</td>
<td>Normal</td>
</tr>
<tr>
<td>11</td>
<td>PIR Interval</td>
<td>1s</td>
</tr>
<tr>
<td>12</td>
<td>Time Lapse</td>
<td>10s</td>
</tr>
<tr>
<td>13</td>
<td>Timer Setting</td>
<td>Star: 00H.00M End:23H:59M</td>
</tr>
<tr>
<td>14</td>
<td>Time Stamp</td>
<td>On</td>
</tr>
<tr>
<td>15</td>
<td>Temperature</td>
<td>Celsius</td>
</tr>
<tr>
<td>16</td>
<td>Battery CALC</td>
<td>Percentage</td>
</tr>
<tr>
<td>17</td>
<td>Frequency</td>
<td>50Hz</td>
</tr>
<tr>
<td>18</td>
<td>Camera Name</td>
<td>0000</td>
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<tr>
<td>19</td>
<td>Security Enable (Password)</td>
<td>ON/OFF 00000</td>
</tr>
<tr>
<td>20</td>
<td>Latitude</td>
<td>000.00000 N/S</td>
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<td>Longitude</td>
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<td>WiFi SD Card</td>
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<td>24</td>
<td>Format</td>
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<tr>
<td>25</td>
<td>Default Set</td>
<td>No</td>
</tr>
<tr>
<td>26</td>
<td>System</td>
<td>FW Version/FW Update (Use SD card to update FW)</td>
</tr>
</tbody>
</table>

*Without battery, SD card

### Appendix II: Technical Specification

<table>
<thead>
<tr>
<th>Display Screen</th>
<th>2.0&quot; Color viewer TFT LCD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image Sensor</td>
<td>12.0 Mega Pixels Resolution,2/5 / 8 / 12</td>
</tr>
<tr>
<td>Angle</td>
<td>PIR, 65°</td>
</tr>
<tr>
<td>Lens</td>
<td>F=2.4, FOV=60°, Max View 62°; Auto IR-Cut-Remove (at night)</td>
</tr>
<tr>
<td>Infrared Cut Filter</td>
<td>YES</td>
</tr>
<tr>
<td>IR-LED</td>
<td>36PCS (940nm)0-25mv75ft</td>
</tr>
<tr>
<td>Memory</td>
<td>SD-card (not included) up to 32GB</td>
</tr>
<tr>
<td>Language</td>
<td>English, French, German, Swedish, Japanese &amp; Czech, Russian</td>
</tr>
<tr>
<td>Picture Size</td>
<td>12MP=4000x3000 / 8MP=3840x2160 / 5MP=2944x1656 / 2MP=1920x1080 (JPEG)</td>
</tr>
<tr>
<td>Video Size</td>
<td>HD: 1920x1080, 15fps / 1080x720, 30fps (AVI)</td>
</tr>
<tr>
<td>Audio Recording</td>
<td>Available</td>
</tr>
<tr>
<td>Digital Zoom</td>
<td>2x, 3x, 4x</td>
</tr>
<tr>
<td>Camera+video</td>
<td>Yes</td>
</tr>
<tr>
<td>Password</td>
<td>Yes</td>
</tr>
<tr>
<td>Device serial no</td>
<td>Yes</td>
</tr>
<tr>
<td>Web camera function</td>
<td>Yes</td>
</tr>
<tr>
<td>Time lapse</td>
<td>On/Off</td>
</tr>
<tr>
<td>PIR detection</td>
<td>On/Off</td>
</tr>
<tr>
<td>Motion detection</td>
<td>On/Off</td>
</tr>
<tr>
<td>Trigger Time</td>
<td>0.6-1 s</td>
</tr>
<tr>
<td>Triggering Interval</td>
<td>1sec. - 60min. programmable (Available)</td>
</tr>
<tr>
<td>Shooting Numbers</td>
<td>1-9 programmable (Available)</td>
</tr>
<tr>
<td>Video Length</td>
<td>5-90sec. programmable (Available)</td>
</tr>
<tr>
<td>Power Supply</td>
<td>8 x AA Batteries or 12V DC (not included) or solar panel or 12V power bank or storage battery</td>
</tr>
<tr>
<td>Stand-by Current</td>
<td>&lt; 0.3mA</td>
</tr>
<tr>
<td>Stand-by Time</td>
<td>Up to 6 Months (8°AA)</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>170mA (±300mA when 36-IR-LED lighted total:&lt;480mA) Takes up to 40,000 pictures on 8°AA Alkaline batteries</td>
</tr>
<tr>
<td>Interface</td>
<td>TV out (NTSC. PAL); USB; SD card holder; 12V DC external</td>
</tr>
<tr>
<td>Operation Temperature</td>
<td>-30°C - 60°C (Storage temperature: -40°C - 70°C)</td>
</tr>
<tr>
<td>Operation Humidity</td>
<td>5% - 90%</td>
</tr>
<tr>
<td>Waterproof spec</td>
<td>IP66</td>
</tr>
<tr>
<td>Size</td>
<td>13.5 X 9 x 6cm (Weight: 380g)</td>
</tr>
<tr>
<td>Security authentication</td>
<td>CE FCC RoHS</td>
</tr>
</tbody>
</table>
### Part Name | Quantity
--- | ---
Game Camera | 1
USB Cable | 1
TV Cable | 1
Strap | 1
User Manual | 1
Warranty Card | 1

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### FCC Compliance

This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to part 15 of the 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 or television receptions, 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 the 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.
- Shield USB cable with ferrite must be used with this unit to ensure compliance with the Class B FCC limits.

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.

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