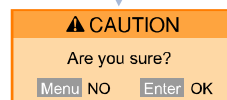
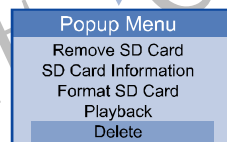
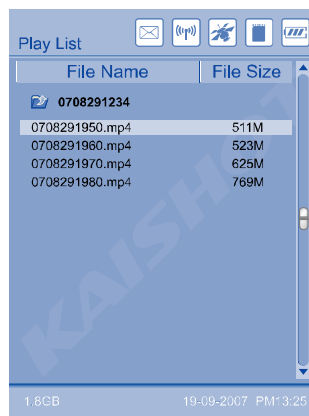


## Deleting File / Directory from the File List

- Choose the file or directory you want to delete and press **MENU** button for 2-3 seconds. Select **DELETE**, and then press **ENTER** button to delete.



## Transmission Functions (Real-time Streaming)

- Transmission Functions Details

Icon information in the Main Screen While Real-time Transmission
Starting and Stopping Real-time Transmission
Locking and Unlocking while Real-time Transmission
Checking Messages while Real-time Transmission

- You may not be able to transmit the video when:
  - Camera is not connected
  - Wireless module is not connected, or signal is weak
  - Remaining battery life is insufficient
- Real-time transmission may stop automatically when:
  - Any of the situation above (You may not be able to transmit the video) occurs, except the case when the signal is weak.
- Values changed in the Setup will affect the properties of transmission, as well as the condition of transmission.
- Transmission will continue while checking the messages.
- You can watch the real-time transmitted video via KAISHOT Viewer. For the information regarding KAISHOT Viewer, please refer to the KAISHOT Viewer Manual.

[Icon information in the Main Screen while Real-time Transmission]



\* When wireless module status icon shows weak signals, real-time transmission may not work properly.

**[Starting and Stopping Real-time Transmission]**

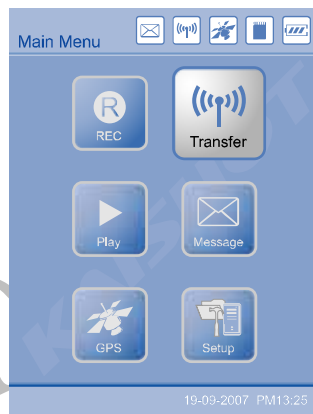
## Starting a Real-time Transmission

- Select “Transfer” icon in the Main Menu and press **ENTER** button to start transmission.

## Stopping a Real-time Transmission

- Press **REC** button for 2-3 seconds to end transmission.

## Real-time Transmission Main Menu





## Information

Wifi connecting...



Environmental factors may affect the amount of time it takes for wireless module to be connected. When the connection is made, message box will disappear.

**[Locking and Unlocking while Real-time Transmission]**

## Locking while Real-time Transmission

- Press **MENU** button for 2-3 seconds while transmission to activate Lock function.
- Lock Icon will change from  to .
- Except pressing **MENU** button for 2-3 seconds to deactivate Lock function, no buttons will function normally.

## Unlocking

- Press **MENU** button for 2-3 seconds to Unlock.
- Lock icon will change from  to .
- All buttons function normally.

## Messages

- Message Functions Details

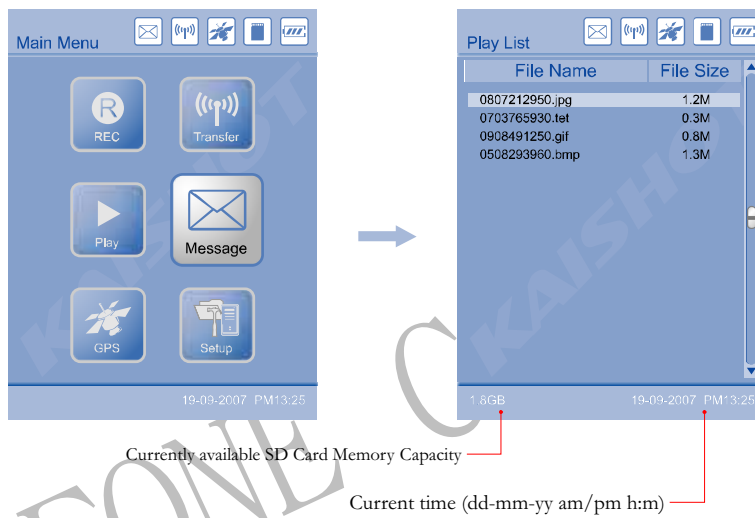
Checking Messages(Please refer “Trouble Shooting” for possible problems while checking messages.)
Using Zoom Function while Checking Image Messages
Micro SD Card Management while Checking Messages

- You may not be able to check messages when:
  - Micro SD Card is not inserted, or is not recognized.
  - Remaining battery life is insufficient.
- Checking messages may terminate automatically when:
  - Any of the situation above (You may not able to check messages) occurs, message checking will terminate automatically.
- You can send messages via KAISHOT Viewer.
- Values changed in the Setup will affect the message checking function.

## [Checking Messages]

## Checking Messages

- You can check the list of messages in the Main Menu by selecting Message icon, and press **ENTER** button to check the message you selected.



- If there is not messages, you will see the blank screen in the Message menu.

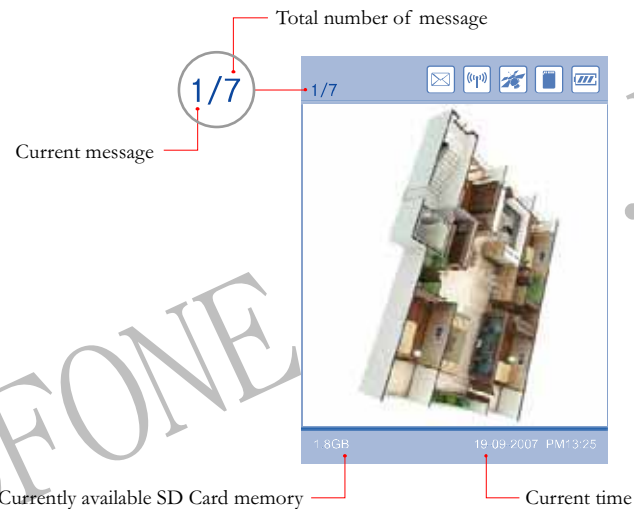


## KAISHOT

- You can check messages by pressing **ENTER** button while recording, playback, or real-time transmission. Functions will normally continue while checking messages.
- While Checking messages, press **◀◀** to check previous message, **▶▶** to check next message.

### Receiving a New Message while Checking Messages

- During any operations, any new message received will appear on the screen.



### Terminating Message Checking

- You can return to the Message Menu if you press **MENU** button shortly (less than 2 seconds) while checking messages. If you press **MENU** button again in the Message Menu, function that was being performed previously will resume.

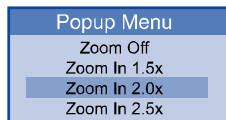


### [Zooming In a Message]

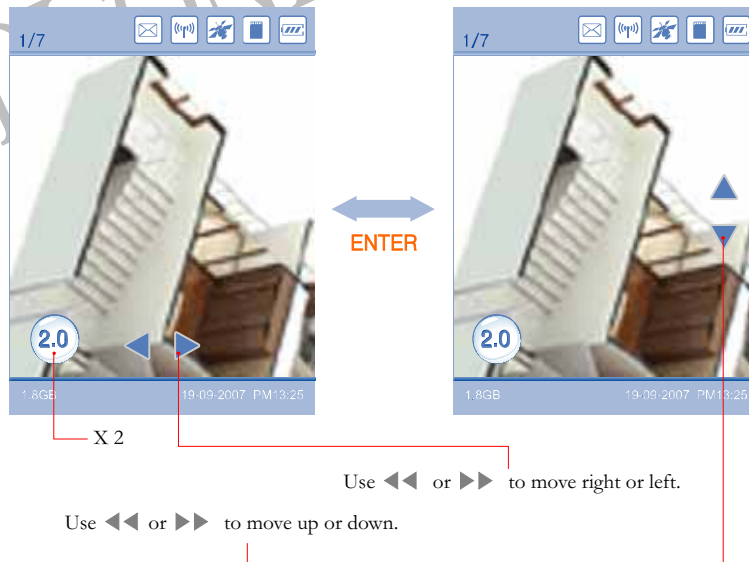
- Menu screen will appear if you press **MENU** button for 2-3 seconds while checking message. (Previously performed function will resume if you press **MENU** button shortly (less than 2 seconds))
- If you press **MENU** button in the Menu screen without changing any settings, Popup Menu will disappear.
- Zoom function only supports image files.

#### Image Zoom Setup while Checking Messages

- Select applicable enlargement, then press **ENTER** button.



- Example of 2 times enlargement. Use **ENTER** button to move up/down, or right/left.



**[Managing Micro SD Card in the Messages Menu]**

- Popup Menu will appear when you press **MENU** for 2-3 seconds in the Message List.
- If you press **MENU** button in the Popup Menu without changing any settings, Popup Menu screen will disappear.

**SD Card Removal / SD Card Information / SD Card Format**

- Please refer to [Micro SD Card Management..](#)

**Deleting Messages in the Message List**

- Choose the files you want to delete, select DELETE icon, then press **ENTER** button to delete the selected files.
- Please refer to pg. 30 for Deleting Recording Files.

## GPS Setup

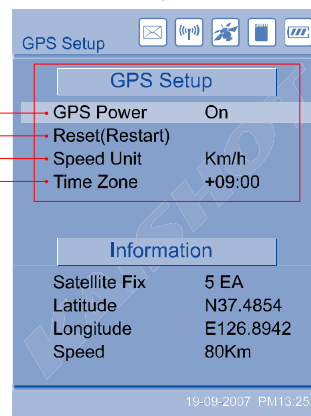
- GPS Setup Functions Details

GPS Setup
Checking GPS Information
GPS Setup and Checking Messages while Checking GPS Information

- GPS Information is used for Recording and Transmission.  
If GPS is not connected properly or OFF, or if it is impossible to receive information to it, default GPS value will be used.
- You can check the GPS connectivity information via GPS icon. When GPS is not connected, it will NOT show any error messages.
- Although GPS is properly connected, you may not be able to receive GPS information if you stay indoors.
- Select GPS icon in the Main Menu and press **ENTER** button to check and change the GPS setup.
- You will be able to return to the Main Menu, or Setup screen, if you press **MENU** button shortly (less than 2 seconds).

## [GPS Setup]

- Select the value you want to change by using ◀◀ or ▶▶ , and press **ENTER** button.
- You will return to the previous screen by pressing **MENU** button shortly (less than 2 seconds).



**GPS Power :** On/Off

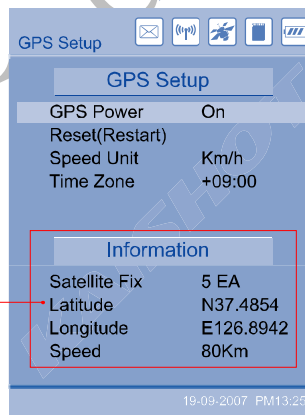
**Resume :** Restart GPS.

**Speed :** Km/h , mph

**Time zone :** -12:00 ~ +12:00  
(Time changes automatically, according to the location of the unit.)

**[Checking GPS Information]**

- Check GPS information by pressing GPS icon.
- Press **MENU** button shortly (less than 2 seconds) to return to the Main Menu.



The number of satellite,  
(Lat. Lon.Vel)

## Setup

- Setup Details

Record Setup
Stream Setup
GPS Setup (Refer to <a href="#">GPS Setup Function</a> )
Tools Setup

- Select Setup in the Main Menu and press **ENTER** button to set up the value of each functions..

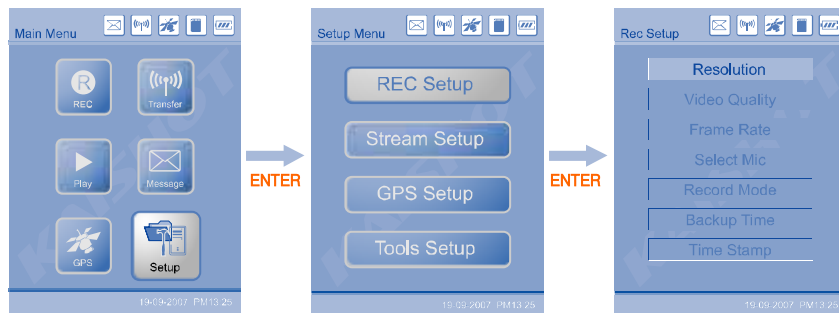
- Press **MENU** button shortly (less than 2 seconds) to go back to the Main Menu.

- Setup Menu

Record Setup	Stream Setup	Tools Setup
<ul style="list-style-type: none"> <li>- Resolution</li> <li>- Video Quality</li> <li>- Frame Rate</li> <li>- Select Mic</li> <li>- Record Mode</li> <li>- Backup Time</li> <li>- Time Stamp</li> </ul>	<ul style="list-style-type: none"> <li>- Resolution</li> <li>- Video Quality</li> <li>- Frame Rate</li> <li>- Select Mic</li> <li>- IP server Setup</li> <li>- Network Setup</li> </ul>	<ul style="list-style-type: none"> <li>- Display Brightness</li> <li>- Audio Volume</li> <li>- Saving Mode</li> <li>- Video Format</li> <li>- Micro SD Card</li> <li>- Message Alarm</li> <li>- Language</li> <li>- Time Setup</li> <li>- Version Information</li> </ul>

### [Record Setup]

- Select REC Setup in the Setup menu and press **ENTER** button.
- Press **MENU** button shortly (less than 2 seconds) to return to the Main Menu.



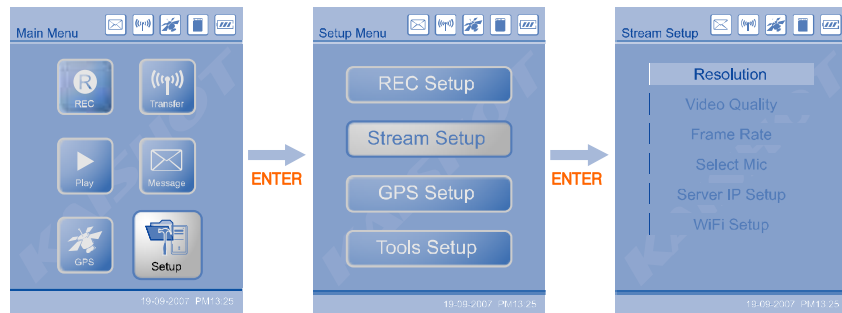
REC Setup		Details
<p>NTSC Video Format</p> <p>Resolution Setup</p> <p>720 X 480</p> <p>640 X 480</p> <p>320 X 240</p>	<p>PAL Video Format</p> <p>Resolution Setup</p> <p>720 X 576</p> <p>352 X 288</p>	<ul style="list-style-type: none"> <li>▪ Determines the resolution of video file. Value changes according to the format of video you choose to use.</li> </ul>
<p>Video Quality Setup</p> <p>High</p> <p>Standard</p> <p>Low</p>		<ul style="list-style-type: none"> <li>▪ Video quality setup.</li> </ul>
<p>NTSC Video Format</p> <p>Frame Rate Setup</p> <p>30 frame/sec</p> <p>25 frame/sec</p> <p>15 frame/sec</p>	<p>PAL Video Format</p> <p>Frame Rate Setup</p> <p>20 frame/sec</p> <p>15 frame/sec</p> <p>5 frame/sec</p>	<ul style="list-style-type: none"> <li>▪ Set up the Frame Rate while recording. Value range may differ according to the video format.</li> </ul>

REC Setup	Details
<div> <div>Mic Select</div> <div> Internal Mic External Mic </div> </div>	<ul style="list-style-type: none"> <li>Select a mic to use for recording.</li> </ul>
<div> <div>Record Mode</div> <div> Video &amp; Audio Video Audio </div> </div>	<ul style="list-style-type: none"> <li>You can choose to record audio and video, or audio only or video only.</li> </ul>
<div> <div>Backup Time Setup</div> <div> 0 Min 5 Min 15 Min 30 Min </div> </div>	<ul style="list-style-type: none"> <li>When set up as “0 min”, you can record up to the maximum amount of time. (except for abnormal situations)</li> <li>When “Backup Time Setup” is completed, recording starting time folder is created when record starts, and will be recorded in the new file at the time in the folder.</li> </ul>
<div> <div>Time Stamp Setup</div> <div> Yes No </div> </div>	<ul style="list-style-type: none"> <li>If selecting “Yes”, storing the recording time on the OSD while recording, and the recording time is shown at the display below on the OSD while playback.</li> </ul>



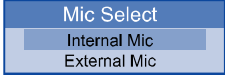
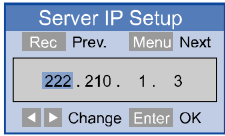
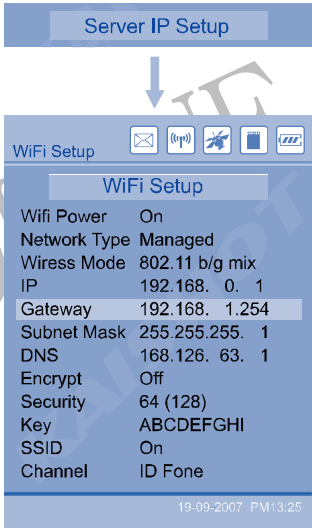
**[Stream Setup]**

- Select Stream Setup in the Setup, and press **ENTER**.
- Press **MENU** button shortly (less than 2 seconds) to return to the previous menu.



Stream Setup		Details
NTSC video Format <b>Resolution Setup</b> 720 X 480 640 X 480 320 X 240	PAL Video Format <b>Resolution Setup</b> 720 X 576 352 X 288	<ul style="list-style-type: none"> <li>▪ Resolution setup. Value range may differ according to the video format.</li> </ul>
<b>Video Quality Setup</b> High Standard Low		
NTSC video Format <b>Frame Rate Setup</b> 30 frame/sec 25 frame/sec 20 frame/sec 15 frame/sec 10 frame/sec 5 frame/sec 3 frame/sec 2 frame/sec 1 frame/sec	PAL Video Format <b>Frame Rate Setup</b> 25 frame/sec 20 frame/sec 15 frame/sec 10 frame/sec 5 frame/sec 3 frame/sec 2 frame/sec 1 frame/sec	<ul style="list-style-type: none"> <li>▪ Set up the Frame Rate while real-time transmission. Value range may differ according to the video format.</li> </ul>

## KAISHOT

Stream Setup	Details
	<ul style="list-style-type: none"> <li>Select a mic to be used for real-time streaming.</li> </ul>
 <p> <b>REC</b> : move to prev.  <b>MENU</b> : move to next  <b>◀/▶</b> : change value  <b>ENTER</b> : apply Server IP         </p>	<ul style="list-style-type: none"> <li>This is where you set up KAISHOT's server IP. It is essential that KAISHOT exists within NAT or HSDPA mobile network and KAISHOT Viewer exists in the outside network.</li> </ul>
 <p> <b>◀/▶</b> : change Menu                    : change value  <b>ENTER</b> : select category                    : change value         </p>	<ul style="list-style-type: none"> <li>After changing the WiFi settings, you must turn the WiFi OFF, then ON to apply the new settings</li> <li>In case set up as Ad-hoc (Managed / Ad-hoc), Kaishot runs by AP(Access Point).</li> <li><b>Incript:</b> Off / WEP / SD Card Set up the wireless communication code. In case of SD Card, reading the channel of WEP, security setup key, SSID from the SD Card and then make setup.</li> <li><b>Security Setup :</b> 64/128 (Bit) Applicable at the incript WEP</li> <li><b>Key :</b> Applicable at the incript WEP. In case of security setup 64, 5 letters, in case of 128, 13 letters to be setup.</li> <li><b>SID :</b> Setup the applicable SSID.</li> </ul>

## KAISHOT

### Use AD-HOC Mode (Use as AP Mode)

- - Set up the AP name of the product (SSID).

#### ※ **Caution**

Be sure that the surrounding wireless network environment does not have the same SSID setup.

- Select the network type, choose AD-HOC mode using **ENTER** button.
- Select WiFi Power, set it on OFF for 10 seconds using **ENTER** button, and turn it back ON again.

### Update the Network settings by using SD Card

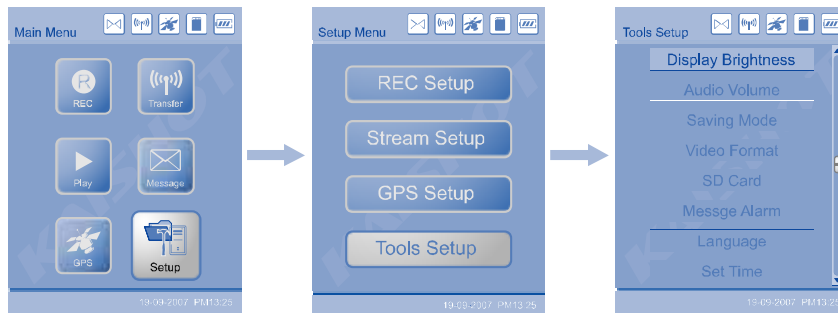
- Popup menu will appear when you press MENU for 2-3 seconds in the stream setup List.
- If you press Menu button in the Popup menu without changing any settings, Popup menu screen will disappear.
- After selecting the Update WiFi Settings and press "**ENTER**".
- Must have WiFi-setting.ini file inside the SD card.

#### Example for WiFi\_setting.ini

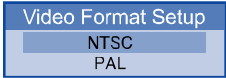
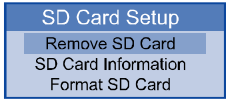
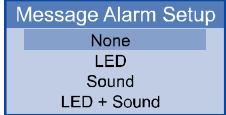

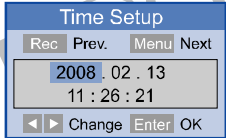
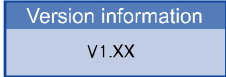
```
=====
IP Address=192.168.0.17
GateWay=192.168.0.1
Subnet Mask=255.255.255.0
DNS=192.168.0.1
Network Type=Ad-hoc
Wireless mode=802.11.b/g mix
SSID=IDFONE
Key=abcde
Security=64
Encrypt=WEP
Channel=1
=====
```

## [Tools Setup]

- Select Tools Setup in the Setup menu, and press **ENTER** button.
- It will return to the Setup menu when you press **MENU** button shortly (less than 2 seconds).






Tools Setup	Details
	<p>LCD Brightness. 1 to 10</p> <p>Use "◀◀" or "▶▶" to adjust the brightness, then press "<b>ENTER</b>"</p>
	<p>Audio Volume, 1 to 10.</p> <p>Use "◀◀" or "▶▶" to adjust the volume, then press "<b>ENTER</b>"</p>
	<p>Screen will automatically turn off if no entry is made while setup mode is on. In this case, all other features will function normally.</p> <p><b>* Caution</b></p> <p>If LCD Saving mode is not activated, it may reduce battery life.</p>

Tools Setup	Details
	Decide video input/output format
	Refer to <a href="#">Micro SD Card Management</a>
	Choose the method of how you want to be indicated when message is received. It will continue to alarm until the message is being checked.
	This product supports operation in English, Korean, Chinese, and Japanese.
	Time Setup cannot be conducted while GPS is received. Time Setup can be conducted while GPS is not being received.
	Software version information.

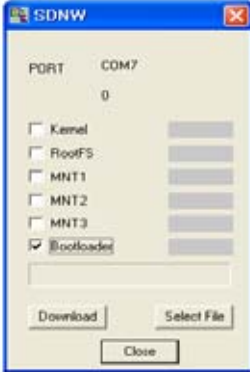
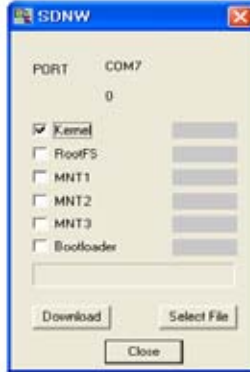


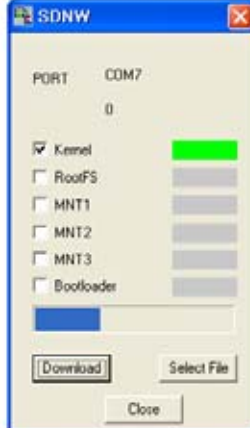
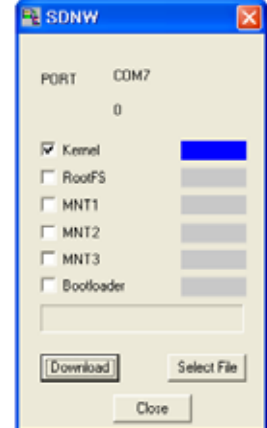
## Program Update

### ◆ Bootloader, Kernel , Ramdisk Update

no	Bootloader, Kernel , Ramdisk Update process	
1		<p>Connect Kaishot to PC USB port with USB cable.</p> <p>*If Kaishot battery capacity is not enough then use adapter.</p> <p>If during upgrade time Kaishot power off then big problem for update.</p>
2		<p>KAISHOT power on before press &gt;&gt;&gt; button + 'REC' button.</p> <p>Check LCD window Message.</p> <p>USB DOWNLOAD MODE</p>
3		<p>Run sdnw.exe.</p> <p>First time connect Kaishot then install driver at PC.</p> <p>Driver file name is "gserial.inf"</p>

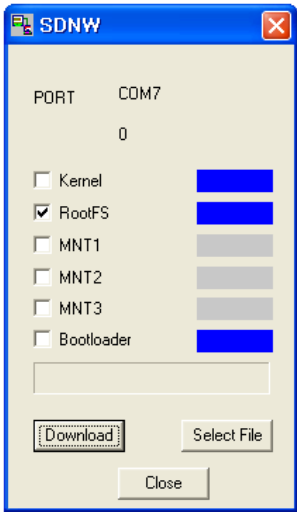
## KAISHOT

no	Bootloader, Kernel , Ramdisk Update process
4	<div data-bbox="422 600 718 1102"> </div> <div data-bbox="850 613 1219 680"> <p>Left window message display port number “COM7” then connection is completed.</p> </div> <div data-bbox="850 716 1197 784"> <p>If port number is “PORT #####” then connection is problem.</p> </div> <div data-bbox="850 786 1169 853"> <p>That time Kaishot power restart and restart first step.</p> </div>
5	<div data-bbox="422 1149 1149 1585"> </div> <div data-bbox="882 1350 1181 1523"> <p>Filename for update</p> <p>Kernel : zImage*</p> <p>Root : Ramdisk.gz</p> <p>Bootloader : xloader5_h3.bin</p> </div> <div data-bbox="406 1635 1235 1700"> <p>Use “Select file button” and select update file for Bootloader, kernel, Ramdisk(RootFs). After then press “OK” button</p> </div>

no	Bootloader, Kernel, Ramdisk Update process		
6	 <p><u>Bootloader Download</u> Check Bootloader icon And press download button then download processing starting</p>	 <p><u>Kernel Download</u> Check Kernel icon And press download button then download processing starting.</p>	 <p><u>Ramdisk(RootFS) Download</u> Check RootFS icon And press download button then download processing starting</p>
	<p><u>Window status</u></p>  <p>Download item select</p>	 <p>Downloading</p>	 <p>Download completed</p>



KAISHOT

no	Bootloader, Kernel , Ramdisk Update process	
7		<p>Bootloader, Kernel, Ramdisk update done then press close button for SDNW software finishing.</p> <p>KAISHOT power off. (If Kasihot power switch not run then remove USB cable or use Kaishot RESET switch )</p>

◆ Application Update

no	Program Update process	
1		<p>Copy all the files in the SDCARD folder to the SD Card provided.</p> <p>* You may encounter problems after the update if you modify or delete any of the item in the folder.</p>
	<p>SDCARD Folder</p> 	
2		<p>Insert the SD Card that contains the updated version information of KAISHOT that you wish to install, and turn the system on.</p> <p>Program update message will appear.</p>
3		<p>Once the message appears, select OK and press <b>ENTER</b> button. Update will be conducted automatically. Once update is done, system will turn of automatically.</p> <p>* check the version information at: Setup -&gt; Tools Setup -&gt; Software Version Information</p> 

## Troubleshooting (Pop-up window will disappear when you press **ENTER**)

Error Messages	Possible causes and solutions
<b>⚠ CAUTION</b> SD card memory is full.	This message will appear when there is not enough space remained in Micro SD card. ▶ Change your Micro SD card accordingly.
<b>⚠ CAUTION</b> SD card failure. Insert SD card in slot.	This message will appear in the beginning of recording or while recording/ playback if the Micro SD card is not inserted. ▶ Insert your Micro SD card, or change the card accordingly.
<b>⚠ CAUTION</b> Camera connection error. Check connection with camera cable.	The camera is not properly connected to the recorder. ▶ Ensure the camera is connected to the recorder securely and connect the camera properly.
<b>⚠ CAUTION</b> Side cover open. Close side cover.	This message appears when the side cover is open in the beginning of recording or while recording. ▶ Recording will terminate if the cover opens while recording. (Data may not be recorded)
<b>⚠ CAUTION</b> Battery empty. Soon, system power will be off.	The battery is almost empty. ▶ The system will automatically turn off after terminating all functions. ▶ Replace the battery or recharge the battery.
<b>⚠ CAUTION</b> WiFi is not found Check WiFi	This message appears when WiFi is not connected / found. ▶ Try again after connecting WiFi.
<b>⚠ CAUTION</b> WiFi signal level down... Check WiFi setting or signal	This message appears when wireless setup has incorrect value, or WiFi signal is weak. This may occur when WiFi is connected or removed while power is on. ▶ Move to the nearest Mesh or AP. ▶ Reset the wireless setup value if Mesh or AP are located close. ▶ Turn WiFi off and then turn it on again.

※ Call for the service if the same trouble appears after following the Troubleshooting.

## Product Specifications

[KAISHOT]

	Technical Specifications
<b>CPU</b>	ARM920T
<b>Mic Input</b>	Internal 1 Ch , External 1 Ch
<b>Internal Speaker</b>	Output Power : 1W
<b>External I/O Interface</b>	USB 1.1 : 1port
	AV out : 1ea [Φ3.5 AV Jack (RCA)]
<b>LCD</b>	2.4 “ color TFT-LCD (QVGA)
<b>Micro SD Card/Button</b>	Provided 1GB / 6 buttons
<b>Power supply</b>	DC 3.7V(using battery)
	DC 5.0V(using AC-DC Adapter)
<b>Power Consumption</b>	Standby (GPS, WiFi, Camera:off) : 1.65W
	Playback (GPS:on, WiFi:off) : 2.4W
	Recording (GPS:on, WiFi:off) : 3.7W
	Real-time transmission (GPS:on, WiFi:on) : 6W
<b>AC Adapter</b>	AC 100~240V, 50~60Hz
	DC 5V, 2A
<b>Battery Pack</b>	Li-Polymer, DC 3.7V
	2,100mAh : 63(H)x80(V)x10(w)
	4,200mAh : 63(H)x80(V)x17(w)
<b>Dimension</b>	63mm(W) X 110mm(D) X 28mm(H)
<b>Operational Temp.</b>	-10℃ ~ 60℃
<b>Material Used</b>	Polycarbonate
<b>Water Resistance</b>	IP 65
<b>Weight</b>	169.5g (2,100mAh Battery)
	213.0g (4,200mAh Battery)

※ Product information and specification subject to change without notice.

## [Hybrid Camera: Standard Camera]

	Technical Specifications
TV system	NTSC / PAL
Image Sensor	1/4" CCD
Lens and View Angle	3.6mm(standard) F2.0 / 68° , lens exchangeable
Scanning system	525 Lines, 60 fields/sec / 625 Lines, 50 fields/sec
Min. Illumination	0.5 Lux, F1.2, 5600 °K
※※ Wireless Module	WiFi(802.11 b/g) , HSDPA, WiBro
※※ GPS Module	SiRF star 3(Built In)
Dimension	105mm(W) X 30mm(D) X 100mm(H) (WiFi included)
Operational Temp.	-20℃ ~ 50℃
Material Used	Polycarbonate
Water Resistance	IP 65
Weight	129g

※ Product information and specification subject to change without notice.

※※ : Optional

## [Functional Specifications]

		Functional Specifications	
OS		Embedded OS (Linux)	
Video Input (Camera)		1Ch, NTSC/PAL(Selectable)	
Video Output		1Ch, NTSC/PAL(Selectable)	
Resolution		NTSC: [720 X 480] [640 X 480] [320 X 240] (W X H)	
		PAL: : [720 X 576] [352 X 288] (W X H)	
Video Quality		High[1.5Mbps], Standard[1Mbps], Low[700Kbps]	
Frame Rate	Recording	NTSC	30/25/15 fps
		PAL	25/15/5 fps
	Transmission	NTSC	30/25/20/15/10/5/3/2/1 fps
		PAL	25/15/5/3/1 fps
Recording Mode		[Video + Audio] [Video]	
Real-time Protocol		RTSP/RTP/RTCP	
Codec		H.264(Video), AAC(Audio)	
File Format		mp4	
Message Format		Text/bmp/jpg/gif Format	
		bmp/jpg/gif Image zoom (x1, x2, x2.5)	
Storage Medium		Micro SD Card (support up to 8GB)	
Recording time		Continuous recording: 3hours	
		Micro SD Card 1GB recording time: 1 hour 10 mins (720 X 480 / 30fps base)	
One-push recording		Start recording by REC button	
Playback speed		Playback : [x1] [x4] / Rewind : [x4]	
LCD Brightness		Dark ←→ Bright, 10 steps	
LSD Saving Mode		[off] [10 s] [20 s] [30 s] [1 m] [3 m] [5 m]	
Language support		[Korean][English][Chinese][Japanese]	

※ Product information and specification subject to change without notice.

## **FCC NOTE**

:This equipment has been tested and found to comply with the limits for a 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 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.

**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 UNDESIRE OPERATION**

**THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.**

# Thank you

## Questions and Warranty inquiry

Give us a call if you have any questions or before visiting our service center.

You can download latest version of KAISHOT Firmware and Manual in

<http://www.idfone.co.kr> or <http://www.kai-shot.com>

**Customer Service Center**  
**02-2109-6490**

Please be sure to use battery charger, battery and peripherals recommended by manufacturer to prevent damage or breakage to the KAISHOT.

Warranty period: Battery charger (1 year), Battery (6 months)

Any damage caused by the use of imitation product is liable to the user's responsibility.