The manufacturer warrants their products to be free from defects in material or workmanship for a period of one year from the date of the original purpose. The limited warranty stated above is subject to these terms and conditions.

TERMS AND CONDITIONS

Limitation on Warranties: All merchandise carries a one (1) Year Manufacturer's Limited Warranty on parts and labor. SELLER MAKES NO WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OR FITNESS FOR ANY PARTICULAR PURPOSE OR MERCHANTABILITY. No agent, employee or representative of Seller's are authorized to bind the Seller to any affirmation, representation, or warranty, oral or written, unless by separate written instrument designed by Seller, which by its terms state that it is included as part of this agreement.

Claims: Receipt of goods shall be deemed acceptance of the goods received. All claims for defective goods or revocation of acceptances, for shortages, for delays, or failures in shipment or delivery, or for any cause shall be deemed waived and released by the Buyer unless it is made in writing within (7) days after receipt of goods. All claims must state specifically and in reasonable detail the nature of all objections, and must be accompanied by delivery receipt or photocopy of the sales order or packing slip. Any delivery not placed in dispute in a timely manner shall be paid for by the Buyer and all uncontested amounts due shall be paid by the Buyer with terms specified. As a condition to making a claim for missing or damaged goods sent, the Customer is responsible for initiating and pursuing with the carrier.

Limitation on Seller's Liability: Seller's liability will be limited to replacement or repair of defective goods upon receipt of goods in a timely manner per paragraph two herein. In no event will Seller be liable for consequential or special damages or for transportation, installation, removal, adjustment or other expenses or losses which may arise in connection with the use or installation of the goods; late delivery, failure to deliver or from any other cause. Not withstanding the terms of this Agreement, if there should arise any liability of Seller, such liability shall be limited to an amount equal to one-half (1/2) the costs of the goods or $250.00, whichever is less.

Returned Material: In no case will the seller give a refund. Seller will accept most goods for exchange or credit, at the Seller's discretion within 30 days of purchase date. In no case are goods to be returned without first obtaining Seller's permission. Only unused goods as currently manufactured, in original unopened packaging and which has been paid for by Buyer in accordance with Seller's payment terms will be considered for exchange or credit upon receipt of proof of purchase. Special ordered items and obsolete items cannot be returned for credit. Material accepted for credit will be subject to a 15% restocking charge for service and handling. Seller will not be obliged to replace any product that has been abused, improperly installed or otherwise misused. Items must be returned in their original packaging, securely packed to reach the Seller without damage.

Governing Law: This agreement shall be governed by the laws of the State of Tennessee.

IT IS THE USER'S RESPONSIBILITY TO ENSURE THAT THIS EQUIPMENT IS USED IN ACCORDANCE WITH THE LAW(S) OF THE JURISDICTION IN WHICH THIS EQUIPMENT IS UTILIZED.

DO NOT ATTEMPT TO RETURN PRODUCT TO ORIGINAL MANUFACTURER, AS THIS PRODUCT HAS BEEN MODIFIED AND IS NO LONGER SUBJECT TO ORIGINAL MANUFACTURER'S WARRANTY. IN THE CASE OF A DEFECTIVE PRODUCT, CONTACT PLACE OF PURCHASE FOR RETURN PROCEDURE.

THIS EQUIPMENT HAS BEEN TESTED AND HAS BEEN FOUND TO BE IN COMPLIANCE WITH THE LIMITS FOR A CLASS B DIGITAL DEVICE, PURSUANT TO PART 15 OF THE FCC RULES. THESE LIMITS ARE DESIGNED TO PROVIDE REASONABLE PROTECTIONS AGAINST HARMFUL INTERFERENCE IN A RESIDENTIAL INSTALLATION. THIS EQUIPMENT USES, GENERATES AND CAN RADIATE RADIO FREQUENCY ENERGY AND IF NOT INSTALLED AND USED IN ACCORDANCE WITH INSTRUCTIONS, MAY CAUSE HARMFUL INTERFERENCE TO RADIO COMMUNICATIONS.

Part 15 Low Power:

ANY CHANGES OR MODIFICATIONS TO THIS EQUIPMENT WITHOUT THE EXPRESS AUTHORIZATION OF THE MANUFACTURER COULD VOID THE USER'S AUTHORITY TO OPERATE THIS EQUIPMENT. (RULE 15.21 OF THE FCC)

All-in-one Zone Shield DVR hidden camera system

By SleuthGear™

Zone Shield DVR by SleuthGear™
1 2GB SD Card
1 USB Card Reader
1 Remote Control
1 Video Cable

Please check the package to be sure you have received all of the parts

Congratulations and Thank You
for purchasing the Zone Shield DVR by SleuthGear™

Zone Shield by SleuthGear™ system is an all-in-one DVR and hidden camera. All you need to do is plug it in, set the time and date, insert an SD card and the system will begin to record when it detects any motion.
The Zone Shield DVR by SleuthGear™ system has many advanced features and functions but the best feature is already preset for your quick set up.

Quick Set up Guide

For your convenience the unit is set at the factory for setting most commonly used making your set up fast and easy.

1. Take out the Zone Shield by SleuthGear™ and plug it in to any available 110V wall outlet.

2. Facing the back of the unit locate the *Video-Out Jack* (See Diagram on page 8) Using the included *Video Cable* plug cable into the *Video-Out Jack*. Connect the other end of the *Video Cable* to a Television input.

3. Change the video input or auxiliary on your TV. The input select button is usually located on the TV's remote control or on the front panel of the TV itself, however, some TV's may require you to select the video input from the on-screen menu. Therefore, consult the owner's manual for the for specific instructions.

4. When you have a picture on your Television; using the included remote press the *Menu* button to enter menu screen. (see diagram for remote functions on page 4)

5. Set up Time and Date using the enclosed remote go to Main Menu> Date/Time Setup see page 4, then return to the main menu.

6. Find the SD slot put in the SD card and your unit is ready to record video. (page 8)

7. Set unit in desired location for video surveillance and your finished.

Frequently asked Questions & Trouble shooting

Q. When I change the time of a scheduled recording it does not change why?
A. Before you can change a recording time you must first reset it to "From 00:00 to 00:00" then you will be able to change it.

Q. What player software should I use to playback the recording files?
A. Please use only the software on the enclosed CD

No video? Have you inserted the micro SD card into the Large SD card adapter? Have you tried another SD card? Is the lock on the SD card in the "lock" position? Did you put the SD card in the unit before powering on your Sleuth Gear unit?

Did you know the unit is set to record motion as one of its default settings?

Do you know how to access the video files on your SD card?

Did you know you can press the play button on the remote control to play the recorded files back on your Television?

Do you have the proper input selected on your TV to display the Video from the HVR system?

Having trouble with the unit? Have you tried restoring the unit to its factory default settings? This can be done in the menu > System Setup> Factory Default.

Safety Precautions and Notes
Use only the included power supply to operate your
Zone Shield DVR by SleuthGear™ system

(AC: 120 Volt, 60 Hz ONLY, if outside the US and Canada a special adaptor may be required).
To avoid electrical shock, do not attempt to open the unit. Opening the unit Voids the warranty. To prevent fire or shock hazard, do not expose this product to rain or moisture. Do not operate near bath tub, sink, or swimming pool.
Avoid operation in moist environments.
Do not overload electrical outlets or extension cords as this may result in fire or electric shock, this unit works only on 120 Volt .
Power surges or over voltage (i.e. 220 Volt) will damage the unit and void the warranty. A surge suppressor and or other adaptors may be required and are the responsibility of the user.

Please refer to the enclosed instructions for basic functions of the unit if applicable.

Specifications Zone Shield DVR by Sleuthgear	
Operating System	Non-OS
Video input format	NTSC or PAL (Auto-detect)
Video Compression	H.264
MENU OSD	English
Record Resolution	720x240 (NTSC) / 720x288 (PAL)
Recording Frame Rate	6/8, 13/15, 25/30 fps
Video Recording Mode	Schedule continuous, Schedule motion
Pre-recording	Supported
Post recording	Yes, 10~60 sec
Playback mode	Via device itself or included bundled software for PC
Playback	Fast Forward, Backward: x2/ x4/ x8, Frame by Frame
Playback Search	By Time, By Event
Recording Quality	4 Levels adjustable (Super, High, Normal, Standard)
Time/Date Stamp	Yes
Time Date Stamp For-mat	(1) yy-mm-dd, (2) dd-mm-yy, (3) mm-dd-yy, 3 formats selectable by OSD
Daylight Saving Time	Yes
Recording Storage	Micro SD card (support SDHC) up to 32GB
Control	IR remote control
Power Supply	12VDC
Power Failure	Auto Recovery
LED	Power (Red)/Recording (Green & Yellow)
Firmware Upgrade	Yes, through Micro SD card
Operation temperature	0~+50℃
Dimensions	54x54 (mm)

Frame Rate Settings for recording you may record 30, 15 & 8 FPS Quality is adjustable, Super, Low, Standard & High.. Use this setting to gain more memory. See page 6 for details

Motion Setting This allows three motion sensitivity settings, High, Medium and Low, see page 6 for details

Continuous recording you may record continuously without using motion this function would use more memory then the motion activation setting please refer to Capacity chart on page 8.

Playback on your TV by using the RCA output or the player supplied on the enclosed CD, see page 9 for details

File Search from unit push play back see quick search or list all to find files, see page 7 & 8 for details

Storage: the unit is set to default to overwrite video when card is full using the first in first out rule: you may change the overwrite function by choosing Full Stop from the storage menu. You may also delete all files from the delete all functions this action will reformate your SD Card, see page 5 for details

Password, you may set up a password for the unit, please write the number down in a safe place, if the password is lost there is no way to recover it. So please choose this option carefully. See page 7.

System Setting Menu

Time and Date Stamp you may display time and date to show on your video clip. It will be embedded in the actual video by the default setting; you may also adjust date format, the position of the stamp and the color of the stamp before you start your recording. This feature may be turned off. See page 4 for details

Factory Default menu this setting list the factory default here you may reset at anytime back to factory default. See page 7 for screen shot of default settings.

Remote Control Functions

Diagram 2

Button	Function	Description
	Panic Record	Universal password: UP/UP/DOWN/DOWN/+/+/-/- Start to Record manually. Press again to cancel recording mode
	KEYPAD	Virtual keypad input
	Lock	Key lock
	MENU/Exit	Menu mode or Exit to last page
	UP (2)/ DOWN (4)/ LEFT (5)/ RIGHT (3)	
OK	Enter	Confirm
+ −	Plus (6) ; Minus (7)	Adjust Value
	Play	Into playback menu or start to play
	Pause (8)	Pause playback, press again to play frame by frame
	Re-wind	Rewind playback
	Fast forward (0)	Fast forward play 2/4/8 times
	Fast rewind (9)	Fast rewind play2/4/8 times
	Stop	Stop playback

MENU OPERATION

MAIN MENU

CHANNEL SETUP
DATE/TIME SETUP
SD CARD SETUP
RECORD SETUP
PERIPHERAL SETUP
SYSTEM SETUP

1. Press [MENU] to enter MAIN MENU
2. Press [▲] [▼] to select item
3. Press [OK] to enter the selected item

II. DATE/TIME SETUP

DATE/TIME SETUP

DISPLAY FORMAT:YY/MM/DD
TIME FORMAT: 12H
YEAR: 2000
MONTH: 01
DAY: 06
HOUR: 21
MINUTE: 06
DAYLIGHT SAVING TIME SETUP

1. Press [▲] [▼] to select item
2. Press [+] [−] to change value

* Display Format: YY/MM/DD, MM/DD/YY, or DD/MM/YY.
* Time Format: 12H/ 24H

DAYLIGHT SAVING TIME SETUP

TURN: OFF
START TIME
MONTH: 04
DAY: 02
HOUR: 00
END TIME
MONTH: 11
DAY: 04
HOUR: 00

1. Press [▲] [▼] to select item
2. Press [+] [−] to change value

Notes

Password_____

What's in the box?

Zone Shield By SleuthGear™ Unit
1 2GB SD Card
1 USB Card Reader
1 Remote Control
1 Video Cable

Please check the package to be sure you have received all of the parts

Playback Files

Move the mouse cursor to the place you want to enlarge. Right click to zoom in. Right click again to get back to the original scene.

Admin

Click Admin and key in account and password.

Default: root/ root

* Display information: On/Off
* Date format: yyyy/mm/dd
  dd/mm/yyyy
  mm/dd/yyyy
* Time/Date position: Top Left/ Bottom Right

Press Change Password to change account and password in Admin area.

III. SD CARD SETUP

SD CARD SETUP

SD INFORMATION
SD REC MODE: OVERWRITE
SD FORMAT
AUTO FORMAT: ON

1. Press ▲ ▼ to select item

* **SD CARD INFORMATION:** Press OK to enter

* **SD REC MODE**: Press + − to change mode (FULLSTOP:OVERWRITE)
* **SD FORMAT:** Press OK to enter

SD CARD INFORMATION

TOTAL: 1.84 GB
REMAIN: 1.83 GB (100%)

FORMAT SD

FORMAT SD: NO
PRESS ENTER KEY TO RUN

1. Press + − to change mode

IV. RECORD SETUP

RECORD SETUP

RECORD MODE
CONTINUOUS RECORD
MOTION RECORD
PANIC RECORD
ALARM RECORD

1. Press ▲ ▼ to select item
2. Press OK to enter the selected item

RECORD MODE

AM PM
0 - - 3 - - 6 - - 9 - - 0 - - 3 - - 6 - - 9 - -
MMMMMMMMMMMMMMMMMMMMMMMM
M: MOTION P: PANIC
C: CONTINUOUS A: ALARM

1. Press ◄ ► to change cursor
2. Press + − to change value

CONTINUOUS RECORD

FRAME RATE: H264 30 (N) / 25 (P)
QUALITY: SUPER

1. Press + − to change value
2. Frame rate adjustable by users: H264 30(N)/25(P); H264 15(N)/12(P); H264 8(N)/6(P)
3. Quality adjustable by users: Super/ Low/ STD/ High

MOTION RECORD

FRAME RATE: H264 30 (N) / 25 (P)
QUALITY: SUPER
SENSITIVITY: HIGH
POST-RECORD: 10 SEC
PRE-RECORD: ON

1. Press + − to change value
2. Frame rate adjustable by users: H264 30(N)/25(P); H264 15(N)/12(P); H264 8(N)/6(P)
3. Quality adjustable by users: Super/ Low/ STD/ High
4. Sensitivity adjustable by users: High/ Med/ Low

VII. SYSTEM SETUP

SYSTEM SETUP

DVR ID
FACTORY DEFAULT
FIRMWARE UPGRADE
PASSWORD SETUP

1. Press ▲ ▼ to select item
2. Press OK to enter selected item

DVR ID

ID:

1. Press ◄ ► to change cursor
2. Press + − to change value

Backup Files

Press Backup and choose backup format (DVR/ WMV/ AVI/ JPG) and choose backup channel.

* Backup as DVR format: Can only backup four channels
* Backup as WMV/ JPG format: backup four channels or individual channel
* Backup as AVI format: backup four channels or individual channel; backup resolution as CIF or D1.

During the playback, you can press Set Start Time to set start time to backup file.

Then, press Set End Time to set end time to backup file.

* Green bar: backup start time
* Red bar: backup end time

Press Export to export backup file to PC, or

Press Cancel to cancel Backup Start time and End time

Search Files

Click Search Files

Press Select Path and then press

Browse

Select a folder with DVR files and press "OK"

Double click the selected recording file to playback or click the selected recording file and press "Open" to playback.

File searching method:

* List all time: list all the recording sessions in the folder you browse.
* List file event: list the event which you select in "List all time"
* Search all events: list all the events in the folder you browse (max. 1000 evens

Format storage: Format SD card easily

FACTORY DEFAULT

LOAD DEFAULT: NO

PRESS ENTER KEY TO RUN

1. Press + − to change value

PASSWORD SETUP

ENTER PASSWORD: ****

1. Press ◄ ► to change cursor
2. Press + − to change value

PLAYBACK MODE

SEARCH

TIME: 2000/ 01/ 01 00:00 RUN

EVENT SEARCH

BEGIN: NO DATA

END: NO DATA

In the Playback screen

1. Press ► to enter SEARCH MENU
2. Press ▲ ▼ to select item & + − to change value
3. Press OK to run

TIME SEARCH

SEARCH

TIME: 2000/ 01/ 01 00:00 RUN

EVENT SEARCH

BEGIN: NO DATA

END: NO DATA

TIME SEARCH

1. Press + − to change value
2. Press OK to run
3. Press ■ to go back to SEARCH
4. Press ▤ to go back to Live Video

EVENT SEARCH

NO	YY/MM/DD	HH:MM:SS	MODE
0001	09/12/17	12:11:00	C
0002	09/12/17	12:11:07	P
0003	09/12/17	12:11:12	A

M: MOTION P: PANIC
C: CONTINUOUS A: ALARM

EVENT SEARCH

1. Press ▲ ▼ to select item
2. Press OK to playback the event

SD card times are approximate

Compression	H.4L				JPG			
Resolution & Frame Rate	720X240 @ 30fps / 720x288 @ 25fps							
SD card capacity (Times are Approximate)	Low	STD	High	Super	Low	STD	High	Super
1GB	53 min	45 min	38 min	33 min	34 min	29 min	23 min	21 min
16GB	14 hr	12 hr	10 hr	9 hr	9 hr	8 hr	6 hr	5.6 hr
32GB	28 hr	24 hr	20 hr	18 hr	18 hr	16 hr	12 hr	11.2 hr

PC Player

Search Files	Search Files	Backup	Backup DVR file
Admin	Login	Select Path	Select Path
↵	Enter	Backup format DVR WMV JPG AVI	Backup format
Set Start Time	Set Start Time	Set End Time	Set End Time
Export	Export backup file	Cancel	Cancel
Display information On Off	Time/ Date on	Date format yyyy/mm/dd dd/mm/yyyy mm/dd/yyyy	Time/ Date format
Time/Date position Top Left Bottom Right	Time/ Date top left	Change Password	Change account and password
32x	Multiply 32 times the original speed	Snap	Save JPEG picture
Print	Print	Enhance	Enhance the resolution
Audio adjust		Mute	

Playback control bar:

Stop	Pause	Last	-1/2X	-2X	-1X	1X	2X	1/2X	Next