

JS 500



Quick Guide

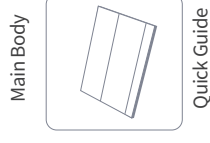
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LOGON
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1 CONTENTS

The contents could be changed to enhance the performance without notice.

Bundle



5Pin WPMD Power Cable



FHD External Cam (Front)



16G SD Card & Adaptor

Optional Item



External GPS



FHD or HD Rear Cam



IR Cam



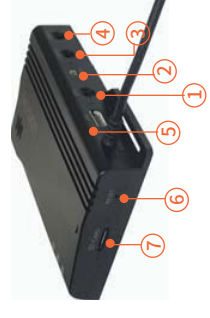
Water Proof Cam (Normal or IR)



Cigar Power Cable
Wi-Fi Dongle

2 PART DESCRIPTIONS

Exterior



1	GPS IN	GPS Port
2	Front Cam	Front Cam Port
3	2nd Cam	2nd Cam Port
4	3rd Cam	3rd Cam Port
5	I/O Port	I/O Port
6	Reset	Device Reset button
7	SD Card Slot	SD Card Slot
8	Wi-Fi Dongle	Wi-Fi Dongle
9	SPK Hole	Speaker Holes
10	Mounting Hole	Wi-Fi Dongle
11	Status LED	Working Status LED
12	Power Cable	WPMD Power Connector

External Camera



1	Camera Cable	Connecting cable
2	Mount Stand	Mounting Stand for External Camera
3	LED	LED showing camera operating status
4	Connecting Port	Camera cable connecting port

3 INSTALLATION

Before Installation

- Please set configuration and make sure JS500 is working correctly before installation.
- JS500 is designed as Hidden Installation Type on ultra small size. It can be installed in Glove Box, Bonnet, Dash Board and Under Driving Seat...etc
- Please check and confirm the proper spot for external camera before installation. Small size external camera also can be installed with special 3M double side form tape on various spots such as window, roof and room mirror...etc



4 INSTALLATION

1 Insert Micro SD & Wifi Dongle

Insert Micro SD card and Wi-Fi Dongle into JS 500 as below images.



2 Connect Front Camera Cable

Connect Front Camera Cable into Front Camera Cable port on side of the main unit as the image. Front Camera must be connected correctly to the main unit. Otherwise, the system is not working. The other side of cable should be connected to the external camera.



3 Connect 2&3rd Camera

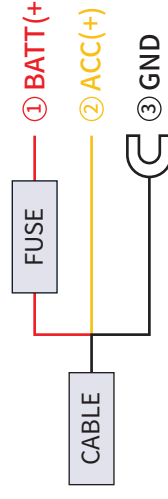
Connect 2nd/3rd Camera Cables into Cam 2 and Cam 3 ports of the main unit as the images.



6 CASE OF INSTALLATION



7 DIRECT BATT. CONNECT



1 Red Wire BATT(+)

Connects Red wire of Power cable provided to regular Car Power in Fuse Box. (Ex : Emergency Lights, Interior Lights, Tale Lights...etc.)

2 Yellow Wire ACC(+)

Connects Yellow Wire of Power Cable provided to the fuse that power comes in when engine is started. (Ex : Cigar Lighter, Audio)

3 Black Wire

This is Ground. Connects it with metal parts of vehicle, such as metal bolt, screw...etc. as the image.



※ Wire color may be changed by circumstances of wire provider.

8 STATUS LED



1 Starts System

When connected to power, Red, Green, Blue LEDs are on while the system is booting. (Voice Guide " System is starting")



2 Closes System

If you stop using the system and disconnect power, it records additional 1sec, and 3 LEDs are turned On. And all 3 LEDs go to Off when the system is completely shut down. (Note : SD card memory must be removed after LEDs are Off.)



3 Recording Status LED

When "GRN" LED is blinking at every 2 sec, it indicates that recording is in progress. When the normal event occurs "GRN" LED will be blinking at every 1 sec.



4 LED on Each Mode / GPS Reception

- Driving Mode
- "Red" LED is always On.
- "Green" LED indicates that recording is on progress.
- Normal - Blinking once at every 2 sec.
- Event - Blinking once at every 1 sec.
- Parking Mode
- "Red" LED is blinking once at every 2 sec.
- "GRN" LED is blinking once during 20sec on Parking impact or Motion event.
- GPS Reception
- When GPS is connectd and 3D fixed, Blue LED is blinking once at 3 sec.

Driving Mode



Parking Mode



GPS Activated

9 STATUS LED

5 System Error

Error	LED		LED Pattern	Voice Guide
	Blue	Green		
Memory Error	●	●	On	Memory Card Error. Check your memory Card
No Memory	●	●	On	No Memory Card. Insert Memory Card
Memory Format	●	●	On	Formatting SD Card
Format Complete	●	●	Blinking (Rebooting)	Format completed / System rebooting
Cam Error /No Connection	●	●	Blinking (Rebooting)	Front(2nd/3rd)/camera Error Please check it out

6 LED Indications

Working	LED		LED Pattern	Voice Guide
	Blue	Green		
Power On/Boot	●	●	On	System is starting
Power Off	●	●	On then Off	System is closing
Normal Rec.	●	●	On	Starting normal Rec
Event Rec.	●	●	Green Blink/Blue On	"Ding Dong~" sound
Voice Rec. On (Normal Rec.)	●	●	On	Voice Recording deactivated
Voice Rec. Off	●	●	On	Voice Recording activated
Parking Mode On	●	●	On	Starting Parking Mode
Parking Mode Off	●	●	On	Parking Mode stops
GPS Connected	●	●	On	GPS is activated
Wi-Fi Connected	●	●	On	WiFi is connected
Setting by WiFi	●	●	On	Setting has been changed~
F/W Update	●	●	On	F/W is updating ~
F/W Update Complete	●	●	On	F/W update complete. Device will be rebooting

10 Folder Structure

Folder Name	Type	Descriptions
UPGRADE	Firmware/Boot File	Saving Firmware and Boot file to update system
SETTING	Configuration	Saving configuration setting file and system working logs.
DATA	Video Files	Normal, Event, Parking Video files are saved. To see and replay the files, use exclusive PC Viewer of JS500.

Folder Name	Descriptions			Remark
	Type	Sort	File Name	
UPGRADE	Firmware/Boot File		Firmware File/ js500h_fw-v1xxx Boot File/ js500h_boot_v0071	
SETTING	Configuration		net_setup.cfg rec_setup.cfg system.log	
Data	Driving Rec.	Normal	YYMMDD_HHMMSS_DL_C1 Ex> 20190101_133025_DL_C1.mp4	1 or 2 or 3
		Event	YYMMDD_HHMMSS_DE_C1 Ex> 20190101_133025_DE_C1.mp4	
	Parking Rec.	PI / PE / PM / PT /	YYMMDD_HHMMSS_DE_C1 Ex> 20190101_133025_PL_C1.mp4 20190101_130522_L_PE_C2.mp4 20190303_110103_PM_C3.mp4 20190101_010111_PT_C2.mp4	1 or 2

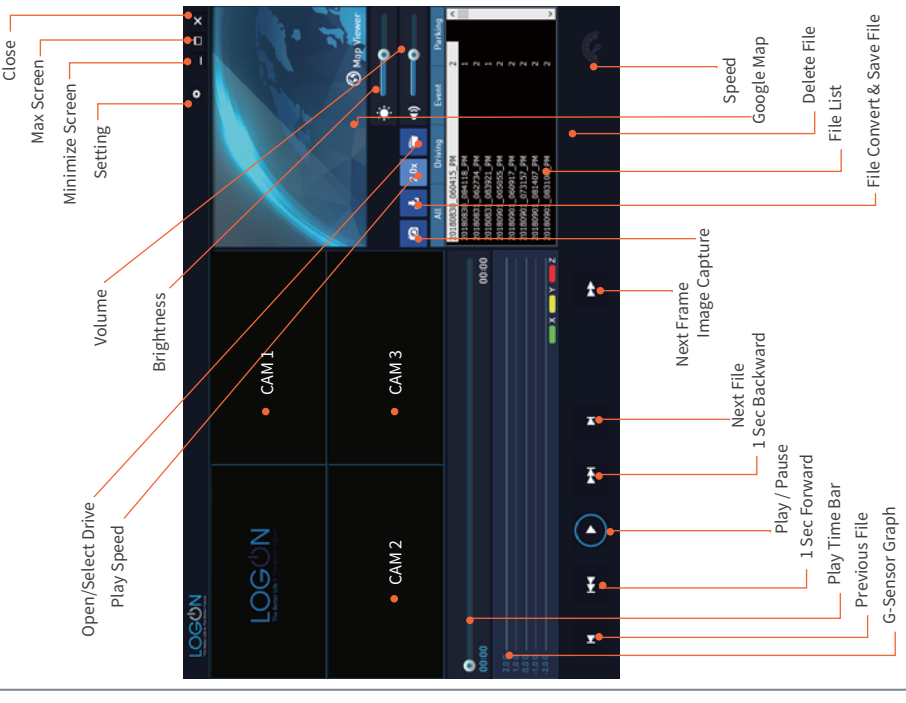
11 PC Viewer Guide

I Program Installation

- 1 Setup File Name**
JS500_PC_Viewer_V1xx.msi
- 2 Start installation**
Double click setup file downloaded to start program installation.
- 3 JS500 PC Viewer Install Wizard**
Click "Next"
- 4 installation Folder**
Choose the installation folder and click "install"
- 5 Progressing installation**
- 6 Installation complete**
Click "Finish"
- 7 Icon**
When the installation is complete, the icon shown below appear on the desktop.

12 PC Viewer Guide

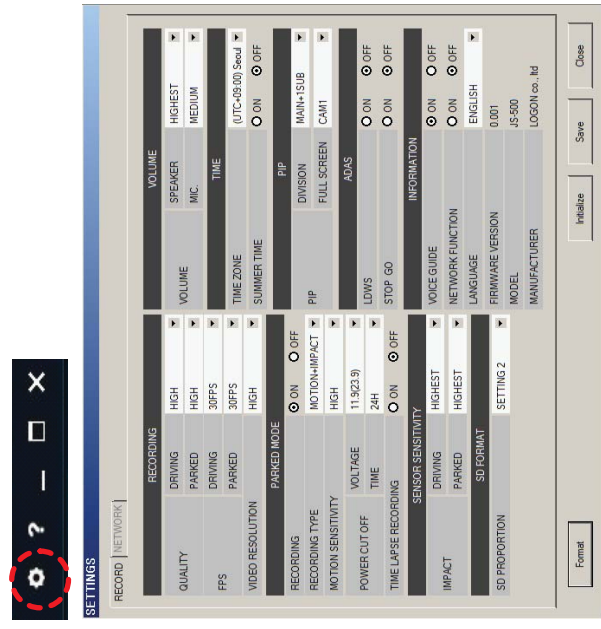
I Part Descriptions



13 PC Viewer Guide

I Configuration

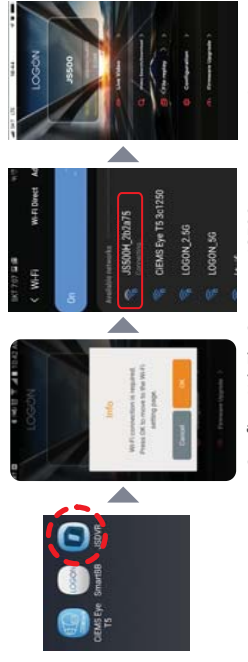
Insert Micro SD Card, and select SD card drive. Then Configuration Setting button will be activated, then click it and Configuration Setting window pops up. You can also set the configuration on your Smart Phone App.



Cf. Network setting is only for the users who is using Server to upload Data through WiFi Router. Then, do not set any setting value on parameters on Network Page. For Network setting, please download the detailed manual from our website. www.Log-On.co.kr

14 App Download & Connect Wi-Fi

- Access "Google Play"(Access "App Store" for iOS)
- Search "JSDVR" and install it.
- Run App and connect Wi-Fi as below images. (Default Password is "12345678")



15 Live View



16 Video File Search and Play & Save

- Select "Video Search"
- Select video file connection
- Select
- Play or Save
- Save



17 Play Video Downloaded

- Select "Video Downloaded"
- Select file
- File Name
- Switch Front and Rear Cam Video



18 Configuration

Category	Items	Setting
1.Video	Rec. Quality	Low, Middle, High
	Driving Mode	0-3
	Parking Mode	0-3
2.Sensing Level	F-Cam Motion	0-3
	R-Cam Motion	0-3
	Time Lapse	On/Off
3.Audio	Volume(Speaker)	Low, Middle, High
	Audio Rec.	On/Off
	Voice Guide	On/Off
4.Date & Time	Black Box Date Setting	
	Time Zone Setting	-12 ~ +14
5. Parking Mode	Voltage Cut Level	(11.7/23.7), (11.9/23.9), (12.1/24.1), (12.3/24.3)
	Voltage Cut Time	Continue, Power Off after 6/12/24/48 Hours
6.Network Setting	Parking Mode	On/Off
	Change Wi-Fi Password	
7.ADAS	LDWS	On/Off
	Stop & Go	On/Off
8.System	SD Card Format	
	SD Card Partition	Preferred Driving / Parking / Event
	Initialize	
	Language	Korean, English, Chinese