GRV7HDW

USER MANUAL

For more information
on the Gator range
go to our website

gatordriverassist.com

INCLUSIONS:
7" Wireless Monitor, Mounting Bracket With Adhesive Pad, Monitor Sunvisor,
1080P HD Wireless Camera, 1.7M 10-32V Monitor Power Adaptor,
1.5M Monitor Power Cable & 2.5M Camera Power Cable.

Contents

Monitor

Camera

**Option1
Socket
wired**

**Option2
Hardwired**

1.7 Metres

1.5 Metres

2.5 Metres

10-32V DC car
accessory socket

Power wires
(10-32V Accessory)

Power wires
(Reversing light 10-32V)

2

Introduction

Before using this unit, please read this instruction manual carefully. Take special care to follow the warnings indicated on the unit itself as well as the safety suggestions listed. Keep this instruction for future reference.

WARNING:
The wireless monitor reversing system is designed to be used with, not instead of other viewing aids in your vehicle. The manufacturer shall not be held liable for any accidents which occurred while operating this system.

Working Voltage
Monitor: voltage range 10V-32V
Camera and Transmitter: 10V-32V<=600mA
Note：If the power is over 32V to camera, it will cause the damage.
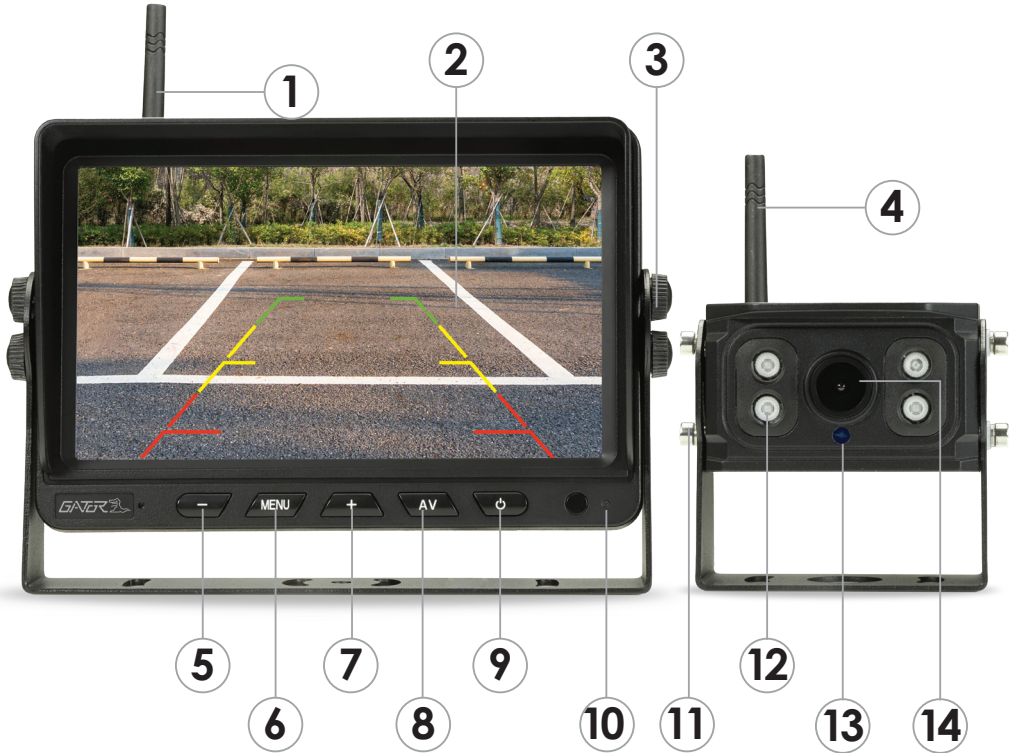
1. Monitor wireless antenna
2. Screen
3. Adjustable monitor angle mount
4. Camera wireless antenna
5. - Selection button
6. Menu button: Click to enter/exit the menu settings. Start and stop recording when pressed for 3 secs.
7. + Selection button
8. AV button
9. Power button: Press for 1 second to turn on or off.
10. Power light (Blue)
11. Adjustable camera angle mount
12. IR lights
13. IR Sensor
14. Camera lens

When the monitor is on, press the "MENU" button to enter into the menu settings. Press the "+ / -" buttons to cycle through setting options.
Press the "AV" button to confirm setting.

Main menu
Cameras / Pairing / Record / Playback / View Mode / Setting

NOTE: To change settings within the menu will only be accessible when in single channel mode. Press the AV button to change to single viewing mode (If you have more than one camera).

Cameras
Select the Camera icon on screen. Press the "AV" button to enter the camera settings. Press the "+ / -" buttons to cycle through setting options. Press "AV" button to enter the settings and display options. Settings are Flip & Mirror, Color and Parking line.
Flip & Mirror: 4 options
Color: Brightness, Contrast, Saturation, Hue
Parking line: To turn on/off, select MENU >Camera> Parking Line> left or right button to turn on/off the parking line.

Pairing

NOTE: This monitor can pair up to 4 cameras at once.

The monitor must be told how many cameras are to be used in
"Settings: , :CAM select: and select CAM1, CAM2, CAM3 or CAM4.
Select in order from 1 to 4. For connection press the
"+ / -" buttons to select camera and the "AV" button to confirm.
Select the Pairing icon on screen. Press the "AV" button and a
timer will appear on screen until successfully paired. Wait until
connection is successful. Screen will automatically go back to
MENU screen.

Scan Time ▶	⊙ CAM1	↻
Date & Time ▶	⊙ CAM2	↻
Language ▶	⊙ CAM3	
CAM select ▶	⊙ CAM4	

Pairing Camera

17
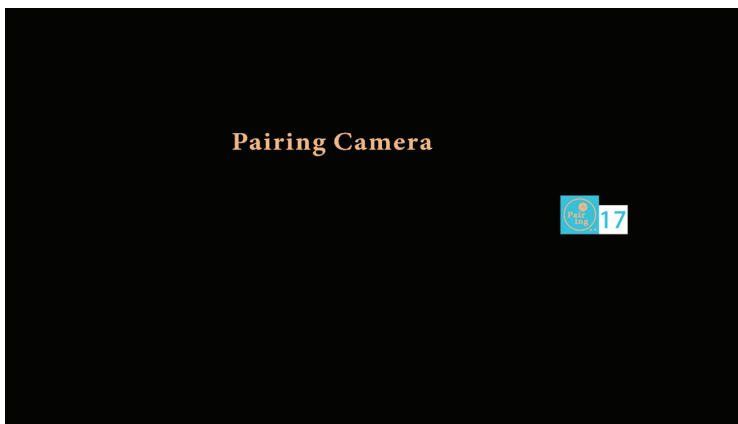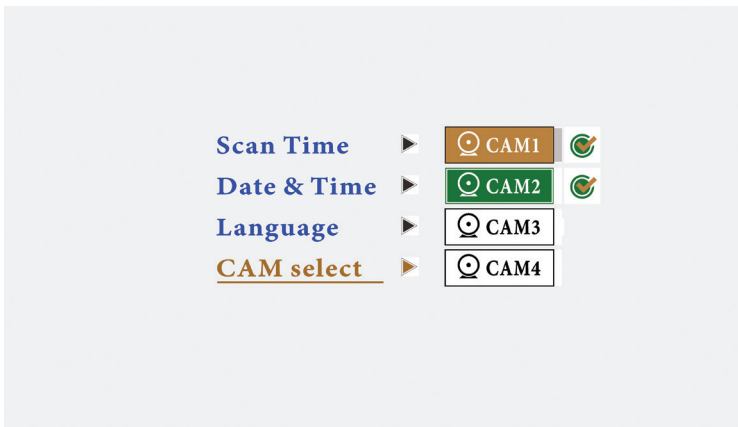
Record

NOTE: This monitor can record footage from each of the paired cameras when used with an SD card up to 128GB Class 10 (not included). The monitor saves video files at a resolution of 1280x704P to accommodate the simultaneous 4 way camera recording onto the SD Card.

Select the Record icon on screen. Press the "AV" button to enter. Select record time and press the "AV" button to enter. Select recording times of 1,3 and 5 minutes. Press "MENU" button to exit and recording will start.
To start and stop recording press and hold the "MENU" button for 2 seconds. A blinking red dot will appear on the top left of the camera screen when recording.

Format card
To format the inserted SD card, select the Record icon on screen. Press the "AV" button then select Format card. Press "AV" button to execute.

Record Time   ▶   5 Min

Format card

⚠ SD Card
Format ?
YES ◯   ◯ NO
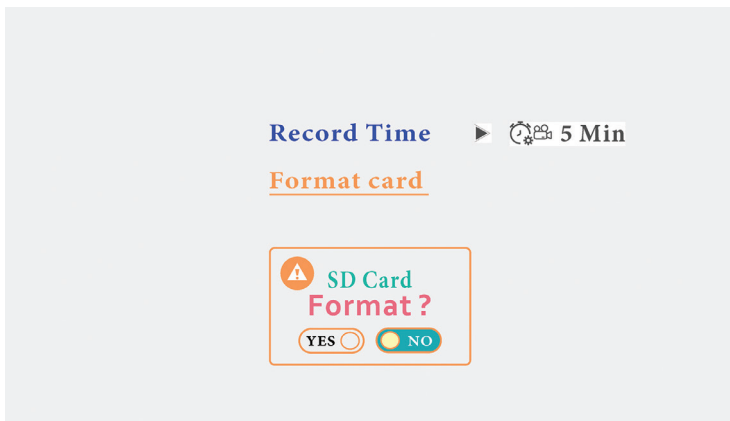
Playback

Playback

Select the Playback icon on screen. Press the "AV" button to enter.
Press the "+ / -" buttons to cycle through recorded video files. Press
the "AV" button to open the file and playback.
Each recorded file is coloured differently depending on what
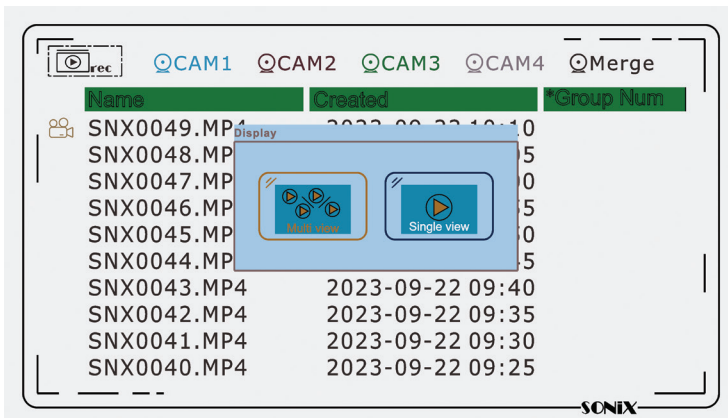camera the footage was recorded, highlighted at the top of the
screen (CAM1, CAM2,CAM3,CAM4 and Merge).
Merge files give you the option at playback to see a recording in
single view or Multiview. This popup option will appear only on
merge files.

Name	Created	*Group Num
SNX0020.MP4	2023-09-22 08:50	
SNX0019.MP4	2023-09-22 08:45	
SNX0018.MP4	2023-09-22 08:40	
SNX0017.MP4	2023-09-22 08:35	
SNX0016.MP4	2023-09-22 08:30	
SNX0015.MP4	2023-09-22 08:25	
SNX0014.MP4	2023-09-22 08:20	
SNX0013.MP4	2023-09-22 08:15	
SNX0012.MP4	2023-09-22 08:10	
SNX0011.MP4	2023-09-22 08:05	

ⓢCAM1 ⓢCAM2 ⓢCAM3 ⓢCAM4 ⓢMerge

Name	Created	*Group Num
SNX0049.MP4	2023-09-22 10:10	
SNX0048.MP		5
SNX0047.MP		0
SNX0046.MP		5
SNX0045.MP		0
SNX0044.MP		5
SNX0043.MP4	2023-09-22 09:40	
SNX0042.MP4	2023-09-22 09:35	
SNX0041.MP4	2023-09-22 09:30	
SNX0040.MP4	2023-09-22 09:25	

ⓢCAM1 ⓢCAM2 ⓢCAM3 ⓢCAM4 ⓢMerge

Display

Multiview   Single view

View mode

NOTE: This monitor can display different camera views depending on how many cameras are being used.

Select the View mode icon on screen. Press the "AV" button to enter, then press the "+ / -" buttons to cycle through view options as pictured below. Press the "AV" button to confirm.
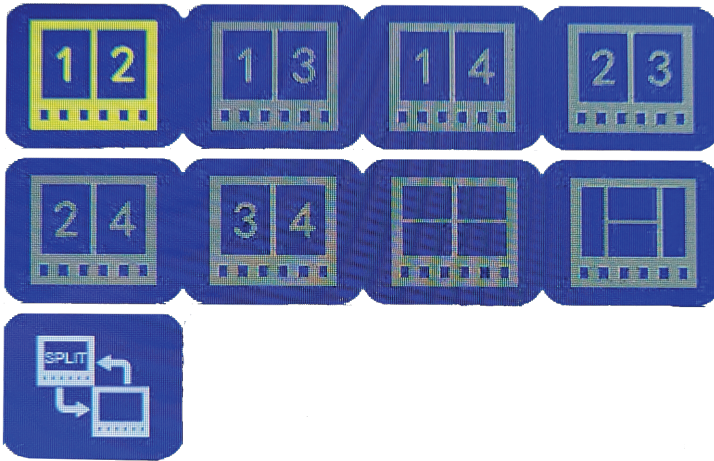
NOTE: Once out of the menu, Pressing the "AV" button will cycle between split and single screen.

Setting
Select the Setting icon on screen. Press the "AV" button to enter, then press the "+ / -" buttons to cycle through setting options.

Scan Time
Changes the amount of time the cameras are displayed on screen when in switching view mode. The scan time is, after you enter the "Auto Scan" mode, (mostly use for 4 cameras). The screen will auto switch the cameras display each for 5 seconds

Date & Time
Edit the date and time.

Language
Select prefered language.

CAM select
Press the AV button to manually turn on / off the connected cameras.

NOTE: When cameras are paired with the monitor, the symbol below will apper onthe top left of the screen showing the WiFi connection, strength, and the camera number.

Monitor specifications

Display Device...Colorful IPS LCD
Size...7 Inch
Interface...Digital
Resolution..1024 x 600 (RGB)
Luminance (Nits)...500 cd/m2
Contrast Ratio...500:1
Power Consumption..6W
Video frame..30FPS
Power Supply...10-32VDC
View Angle (LR/UD)................L 90, R 90, U 90, D 90 (Degree's)
Wireless Frequency.. 2400 ~ 2483.5MHz
(2.4G hz frequency hopping technology Chipset Solution)
Operating Temperature....................................-20˚C to +70˚C
Weight...440g
Dimensions....................................L 197 x W 62.3 x H 136mm

Camera specifications

Type..1/2.7" HD CMOS
Resolution...1080P
Voltage...10-32VDC
Sensitivity...0.1 LUX with IR on
IR night vision…...………….Yes
IR cut………...………………...Yes
S/N Ratio...48dB
Current Draw...200mA(Max)
Electronic Shutter...Auto
Lens...f 2.8mm
Video Output...1 Vpp, 75 Ohm
IP Rating...IP69K
Weight...340g
Dimensions...L81 x W65x H80mm
Operating Temperature...................................-20˚C to +70˚C
View Angle..110°

Inclusions

1 x 7" Wireless monitor
1 x Monitor mount
1 x 1.5M Monitor cable
1 x Sunvisor
1 x Power adaptor 1.7 M length
1 x Wireless 1080P HD reverse camera
1 x 2.5M Camera cable

Optional extras (Sold separately)

Additional wireless camera (GRVC7W)

Technical assistance

If you need assistance setting up or using your Gator product now or in the future, call Gator Support. Australia
TEL: 03 – 8587 8898
FAX: 03 – 8587 8866
Mon-Fri 9am – 5pm AEST

Please retain this user guide for future reference.

If you would like to download a digital copy of this manual, or other Gator manuals/software, please visit the gatordriverassist.com website and click on 'Firmware & Manuals" or search for the product model number for more information, accessories and products.
This manual is considered correct at time of printing but is subject to change. For latest manuals and updates refer to the website.
Copyright © 2023 by TDJ Australia
All rights reserved. No part of this publication may be reproduced, distributed, or transmitted in any form or by any means, including photocopying, recording, copying or other electronic or mechanical methods, without the prior written permission of the author.