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Grab Technology GV1 DashView Hardware Device User Manual

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Grab Technology GV1 DashView Hardware Device

Product Information

The DashView Hardware device is a versatile device that offers various features to enhance your driving experience. It includes a powerful Allwinner H3 SoC ARM Cortex-A7 quad-core CPU and Mali-400MP2 GPU for smooth performance. With 512MB DDR3 RAM and a MicroSD card slot for storage, you can store and access your data easily. The device supports Wi-Fi (802.11 b/g/n) and Bluetooth 4.0 for wireless connectivity. It also features GPS functionality with support for GPS L1 C/A, QZSS L1 C/A, GLONASS L1, BDS B1I/B1C, and Galileo E1. The DashView Hardware device can be powered through the Micro USB port.

Product Usage Instructions

1. Unpacking the DashView:
    - Carefully unpack the box and check for the following components:
        - DashView Hardware device
        - TF Card
        - Micro USB Cable
2. Hardware Specifications:
    - Make note of the hardware specifications:
        - Processor: Allwinner H3 SoC ARM Cortex-A7 quad-core CPU
        - GPU: Mali-400MP2
        - RAM: 512MB DDR3
        - Storage: MicroSD card slot
        - Wi-Fi: 802.11 b/g/n
        - Bluetooth: 4.0

- GPS: GPS L1 C/A, QZSS L1 C/A, GLONASS L1, BDS B1I/B1C, Galileo E1
- Power: Micro USB port (5V DC input)

3. Operating System Installation:
   - Choose the armbian OS for your DashView Hardware device and download the image file.
   - Using a MicroSD card with at least 8GB storage, follow these steps:
     1. Format the MicroSD card as FAT32.
     2. Write the image file to the MicroSD card using a tool like Etcher.
     3. Insert the MicroSD card into the DashView Hardware device's card slot.
4. Connecting Peripherals:
   - Insert the TF card into Dashview's microSD card slot.
   - Connect the DashView to the vehicle's USB port using a Micro USB cable to copy Dashcamera data.
   - Connect to the DashView via Bluetooth to complete WiFi and other system settings with a cell phone.
   - Upload the integrated GPS information of Dash camera video data stored on DashView to the backend via WiFi.
5. Troubleshooting and FAQs:
   - If you encounter issues with the DashView, consult the Troubleshooting and FAQs section in the user manual for common problems and solutions.

FCC Statement:

To ensure proper usage and compliance with FCC regulations, please adhere to the following guidelines:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to 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.
2. This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

Introduction

Welcome to the DashView Hardware Device User Manual! This guide will help you get started with the DashView Hardware device.

Unpacking the DashView

Upon receiving the DashView Hardware device, carefully unpack the box and check for the following components:

- DashView Hardware device
- TF Card
- Micro USB Cable

Hardware Specifications

Processor: Allwinner H3 SoC ARM Cortex-A7 quad-core CPU
GPU: Mali-400MP2
RAM: 512MB DDR3
Storage: MicroSD card slot
Wi-Fi: 802.11 b/g/n
Bluetooth: 4.0
GPS: GPS L1 C/A, QZSS L1 C/A GLONASS L1 BDS B1I/ B1C Galileo E1
Power: Micro USB port (5V DC input)

Operating System Installation

Choose the armbian OS for your DashView Hardware device and download the image file. Using a MicroSD card with at least 8GB storage, follow these steps:
Format the MicroSD card as FAT32.
Write the image file to the MicroSD card using a tool like Etcher. Insert the MicroSD card into the DashView Hardware device's card slot.

Connecting Peripherals

Insert the TF card into Dashview's microSD card slot.
Connect the DashView to the vehicle's USB port using a Micro USB cable to copy Dashcamera data. Connect to the DashView via Bluetooth to complete WiFi and other system settings with a cell phone. Upload the integrated GPS information of Dash camera video data stored on DashView to the backend via WiFi.

Troubleshooting and FAQs

If you encounter issues with the DashView, consult the Troubleshooting and FAQs section for common problems and solutions.
Happy experimenting with your DashView!

FCC Statement

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 to an outlet on a circuit different from that to which the receiver is connected.
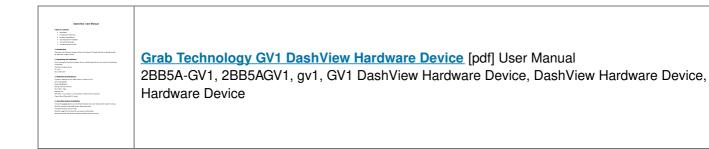- Consult the dealer or an experienced radio/TV technician for help.

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 undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body

Documents / Resources

Grab Technology GV1 DashView Hardware Device [pdf] User Manual
2BB5A-GV1, 2BB5AGV1, gv1, GV1 DashView Hardware Device, DashView Hardware Device, Hardware Device