

Questions about the AIR II? Review the commonly asked questions and answers for the AIR II.

AIR II Series Frequently Asked Questions

Questions	Answers
How does the AIR II handle low light or night conditions?	It is equipped with active IR LEDs for night vision support.
How does the AIR II record and when?	Video is recorded in driving mode. While in driving mode, the camera records in a constant looping mode. If the camera detects abnormal movement, as in a collision, a highlight video is automatically generated for easy location by the user. This highlight recorded to the camera's SD card is available upon request and viewable after it has been successfully retrieved from the GPS Fleet Tracking Portal.
How long is the recording for an event identified by the AIR II?	Driver behavior events will upload 15 seconds of footage; 8 seconds before the triggered event and 7 seconds afterwards.
How does the AIR II mount to the windshield and is it removable?	The camera comes with a custom mount that attaches securely to the windshield with heat-resistant adhesive tape.
How long are video clips stored?	Successfully requested camera events are available in the GPS Fleet Tracking Portal for 30 days after the event has been triggered.
When can I expect camera footage to be available once requested?	The camera will upload footage to the cloud when it is powered on and has a good cellular signal. This process typically takes about 5-10 minutes to upload, if available.
Does the AIR II gather diagnostic information from the vehicle?	No, not at this time; the OBD cable is strictly for power supply purposes only.
Will I be able to run alerts and reports on the AIR II camera?	Yes, but only for alerts and reports that do not require diagnostic information. Diagnostic fields on reports will appear blank.
What are the dimensions of the AIR II?	Length: 87mm Height: 126mm Width: 46mm Weight: 212g
How is video encrypted on the AIR II?	The camera's data transmission is TLS/SSL encrypted. TLS and SSL are widely recognized as secure protocols that enable server authentication, client authentication, data encryption, and data integrity over networks.
What format are AIR II videos saved?	Videos are recorded in .TS format which is considered standard. Most universal players support this format.

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Why is the camera still in driving mode if I have already turned off the car?	Under normal circumstances, it will enter parking mode for a short period of time after the vehicle has turned off. If the camera does not enter parking mode for a long time after the vehicle has turned off, contact support.
Where is event video stored on the AIR II?	The camera uploads video evidence to the Cloud upon user request while also recording to a MicroSD card.
How do you install the AIR II power connection?	Please refer to the installation guide: <ul style="list-style-type: none"> - Conventional Hardwire Install Guide - Diagnostic Port Install Guide
How do you install the camera on a freightliner or heavy duty vehicle?	Use a 3-wire harness or J1939 9-pin cable (available for purchase).
How is AIR II powered?	With the included power cable (direct wire, OBD, or 9-pin), the camera in the vehicle can provide 24/7 protection for weeks with easy and straightforward installation.
To what extent can the AIR II see behind the vehicle?	Like the human eye, the camera can see anything that is visible through the vehicle windshield and windows. Also, like the human eye, the camera is limited by dark tinting and solid objects such as the vehicle body or passengers or privacy screens.
What are AIR II Operating/Standby Temperatures?	-20°C to +70°C (Parking Mode) -20°C to +45°C (Driving Mode)
How does the AIR II handle heat?	The camera is intended to stay mounted to the windshield to protect the vehicle at all times, so several technical measures went into its design to ensure it performs well even in hot conditions. For instance, the on-board thermal monitoring system proactively adjusts machine activity under different thermal conditions. Under the worst heat conditions, the camera knows to turn itself off to protect its electronic components.
Does the AIR II record audio?	The camera can record audio; this feature is disabled by default.
Can I use the AIR II internationally?	Since the camera is a connected product that requires certification, we offer service only in the United States, Mexico, and Canada.
What happens if the camera loses power mid-incident?	The camera is equipped with a 600mAH backup battery, capable of capturing up to 10 minutes runtime after power loss.
What is the length of the power harness for the AIR II camera?	10 feet.

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What is considered "Dangerous Driving" for the AIR II?	<p>The driver will hear two types of in-cab alerts: Harsh and Severe. The Portal doesn't differentiate between these two in terms of scoring but the events are triggered from different thresholds. (mg = mili g force)</p> <p>Acceleration (event must have a duration of .25s)</p> <ul style="list-style-type: none"> • Harsh Acceleration~: 267 mg • Severe Acceleration: 297 mg <p>Braking (event must have a duration of .25s)</p> <ul style="list-style-type: none"> • Harsh Braking: -350 mg • Severe Braking: -430 mg <p>Turning (event must have a duration of .19s)</p> <ul style="list-style-type: none"> • Harsh Turn: 310 mg • Severe Turn: 350 mg

SD Card FAQs

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What is the default SD card shipped with the camera?	The camera is shipped with a 256GB SD card. You can update this SD Card to 512GB independently in the field, if preferred.
How does the AIR II manage storage on the microSD card?	For video storage on the camera, we recommend high-endurance SD cards (class 10 or higher MLC MicroSD cards) with a minimum size of 32GB, accommodating SD cards up to 512GB. (Use of non-high-endurance SD cards or SD cards with 8GB or less is not recommended.)
What microSD cards are recommended for the AIR II	We recommend using a high endurance SD card (class 10 or higher MLC MicroSD card 32-512GB) designed for continuous recording situations. While other cards will work with the camera, they are much more prone to card errors and failures due to the high frequency of IO for video applications.
What is the AIR II microSD card capacity?	The camera accepts MicroSD Cards up to 512 GB.
What is the AIR II record time and media capacity?	The record time for the camera will vary based on the user preferences for event detection and microSD card capacity. View the chart below for estimated recording times.

MicroSD Card Chart*

MicroSD Card Size	Driving Time/Max Events Stored
32gb	2 hrs/160

Link: <https://help.gpsinsight.com/troubleshooting/air-ii-faq/> Last Updated: July 26th, 2024

MicroSD Card Size	Driving Time/Max Events Stored
67gb	4 hrs/160
128gb	9 hrs/320
256gb	20 hrs/320
512gb	42 hrs/320

Note. Assumes average 40 hours runtime per week.