

2025 Company Introduction

Designing the Future of **Autonomous Driving** through Smart Technology

# Essential settings for RoadMonitor ARA30 device



[www.dareesoft.com](http://www.dareesoft.com)

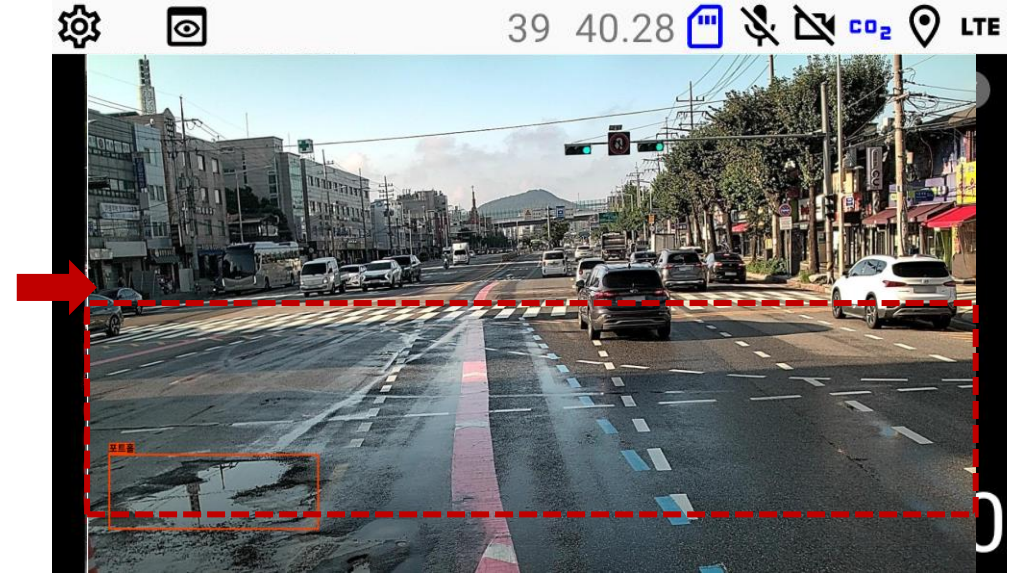
Copyright 2025. 다리소프트. All rights reserved.

# Setting Up ARA30 for RoadMonitor

## 1. Camera angle setting



For passenger cars and SUVs, adjust the camera angle so that the **car hood is visible below the red line.**

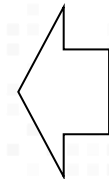
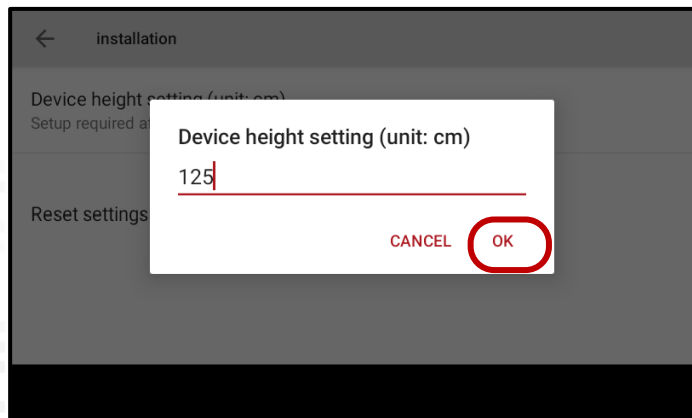
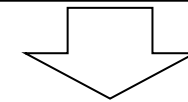
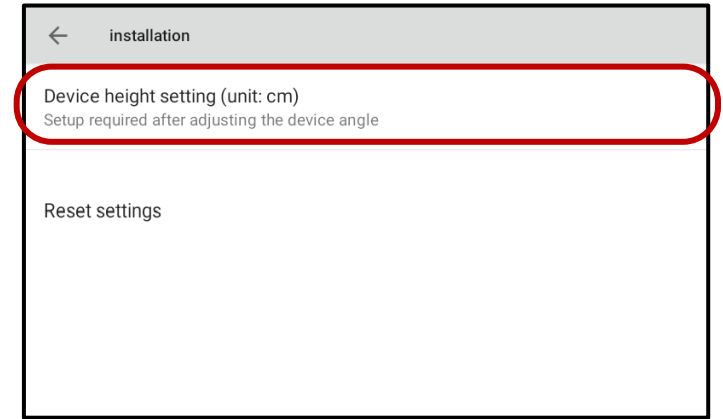
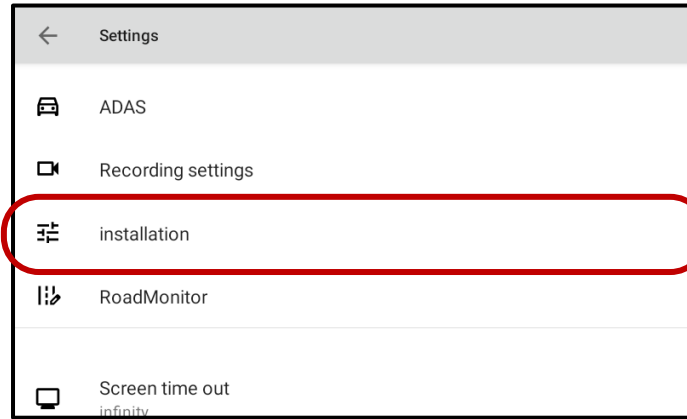
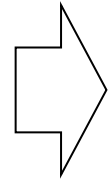
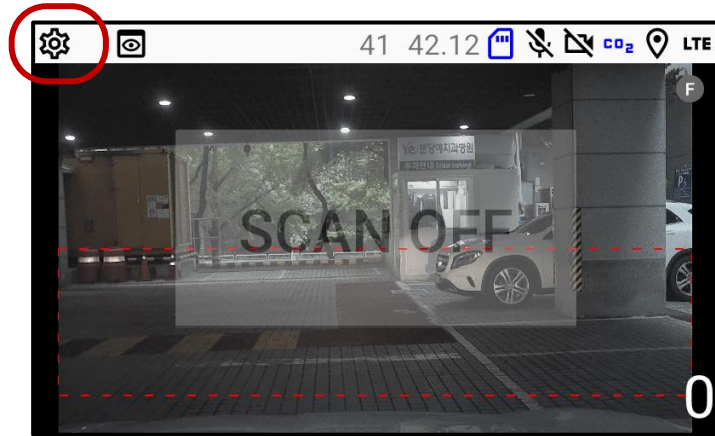


For minivans, buses, and trucks (vehicles without a hood or with a short hood), adjust the camera angle so that the **road horizon appears above the red line when on flat ground.**

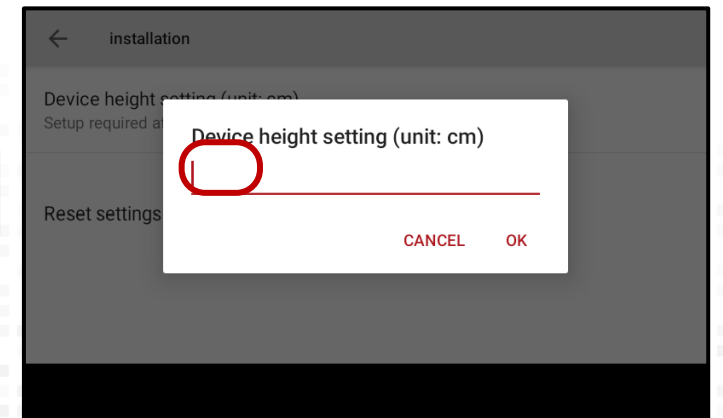
# Setting Up ARA30 for RoadMonitor



2. ARA30 device height setting : This refers to the height from the ground to the device camera



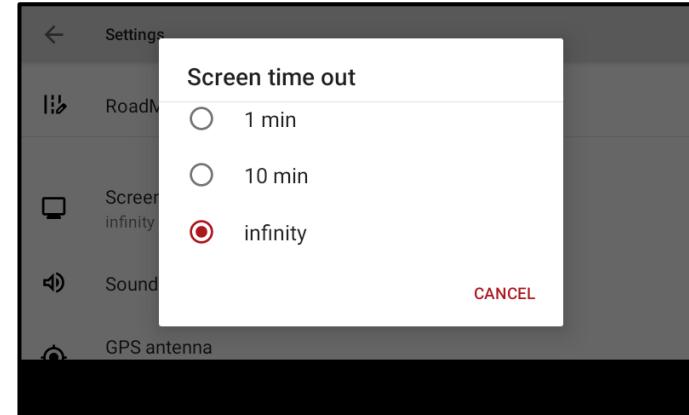
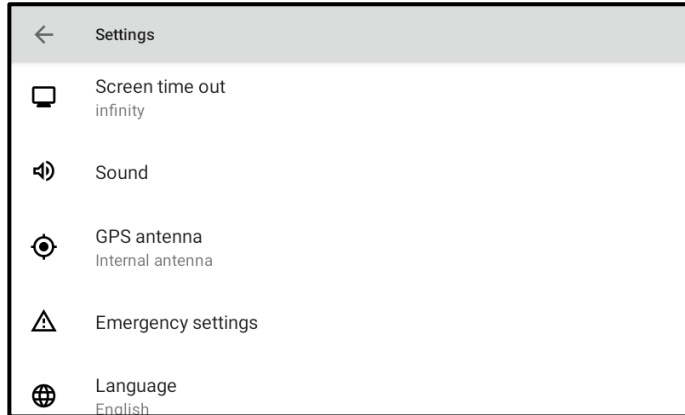
Text/number change button



Tap the number input area

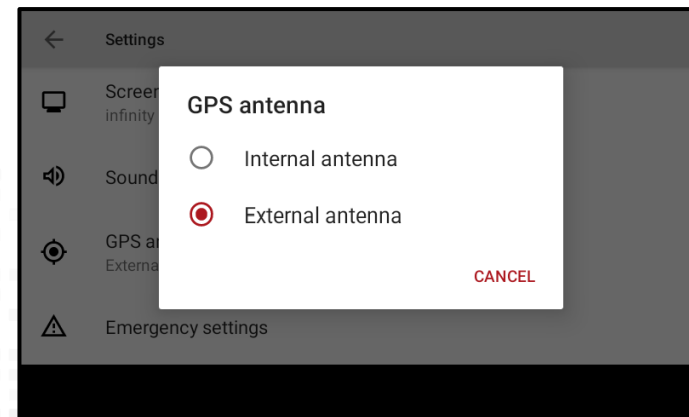
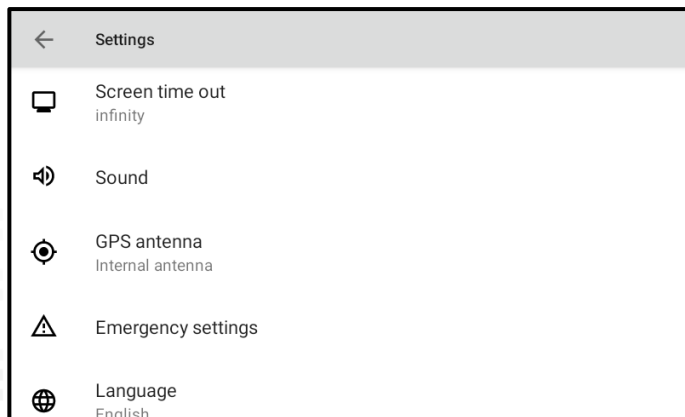
# Setting Up ARA30 for RoadMonitor

## 3. Screen saver & External antenna



### Screen saver OFF function

(To make it easier to use the **SCAN ON/OFF** function, the screen is kept on)

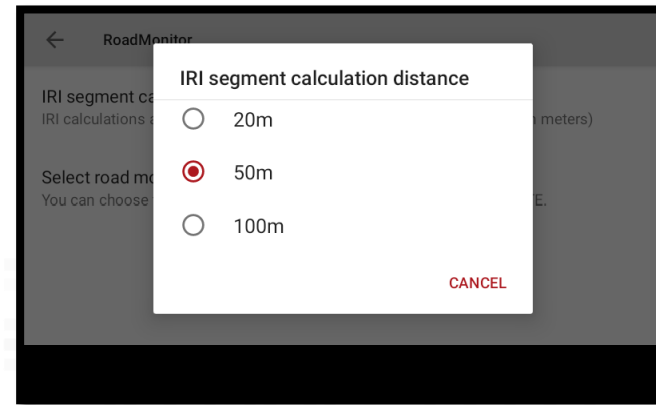
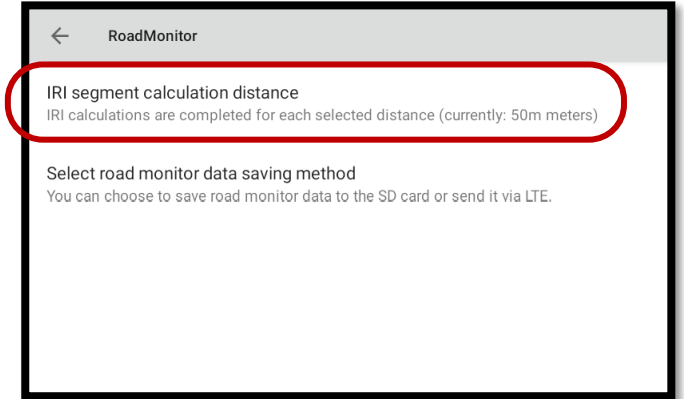
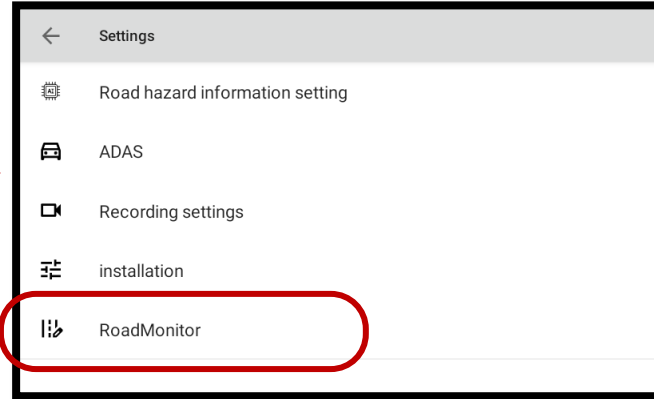


### Connect the external antenna and select the external antenna in the settings

(External antenna is recommended for improved location accuracy.)

# Setting Up ARA30 for RoadMonitor

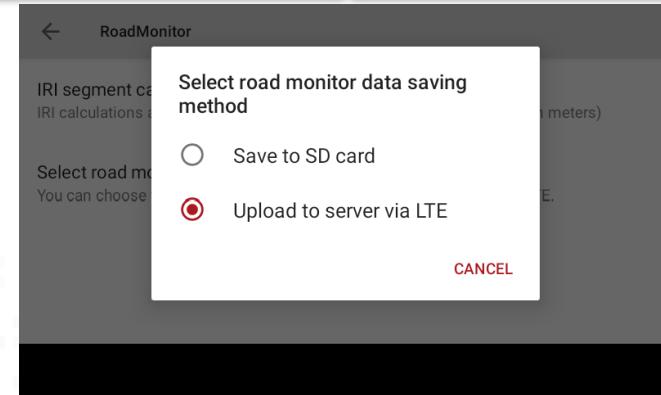
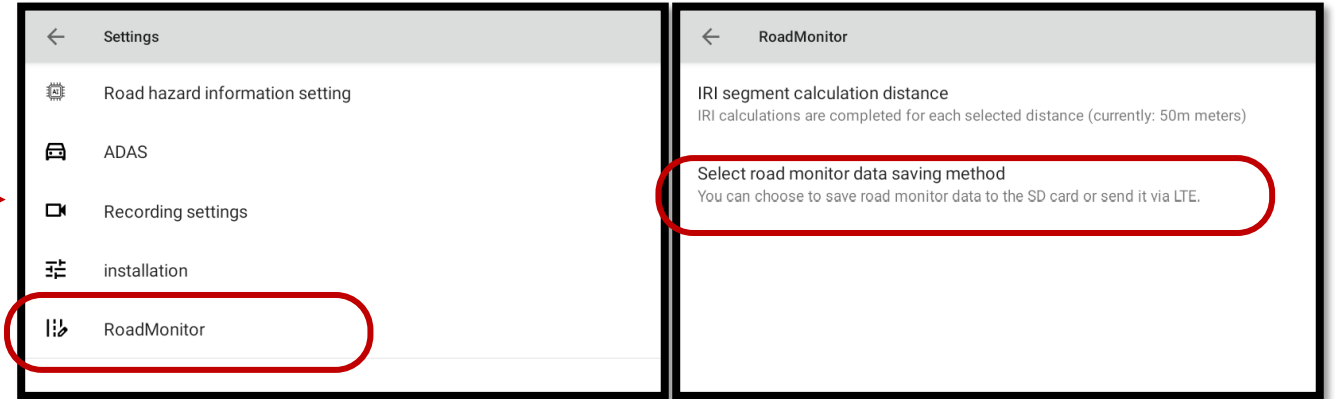
## 4. Select IRI analysis unit length



“You can select the IRI analysis distance (20m, 50m, 100m)”

# Setting Up ARA30 for RoadMonitor

5. Select image data transmission method : SD card storage is recommended in areas where LTE is slow 

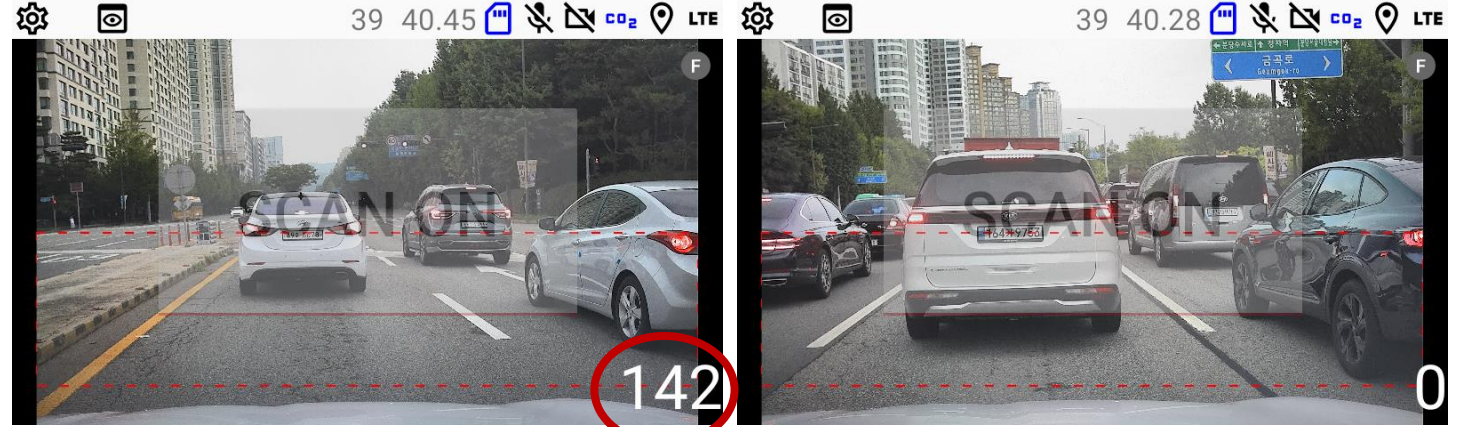


**“ You can choose between SD card storage and LTE transmission for data transfer”**

# Setting Up ARA30 for RoadMonitor

## 6. Explanation of SCAN ON/OFF method and LTE transmission

Touch the screen to start the AI road scan  
(SCAN ON <-> OFF)



This number indicates waiting to be transmitted via LTE.

### [ LTE transmission starts when SCAN is ON ]

#### • Notes on LTE transmission

- Depending on vehicle speed and LTE quality (e.g., shadow areas), images may accumulate in the transmission buffer.
- The LTE transmission buffer can store up to 10,000 images (approximately 50 km of driving data).

#### • When images remain in the buffer, the device operates as follows:

- If the vehicle is parked and idle, images will be transmitted automatically.
- If the vehicle is turned off, the device will resume transmission automatically the next time the engine is started and the device powers on.

# Setting Up ARA30 for RoadMonitor

## 7. STOP & GO



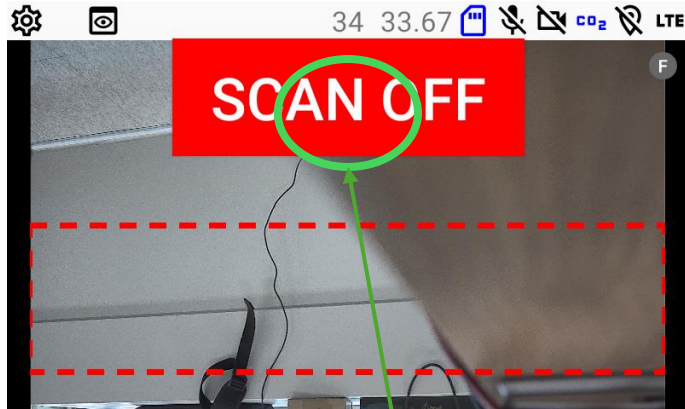
When operating the ARA30 AI edge device,  
please turn off the STOP & GO function in the vehicle.

# Setting Up ARA30 for RoadMonitor

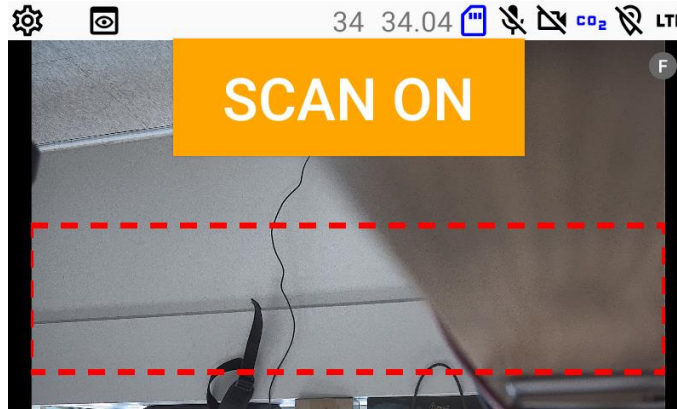
## 8. APP Update



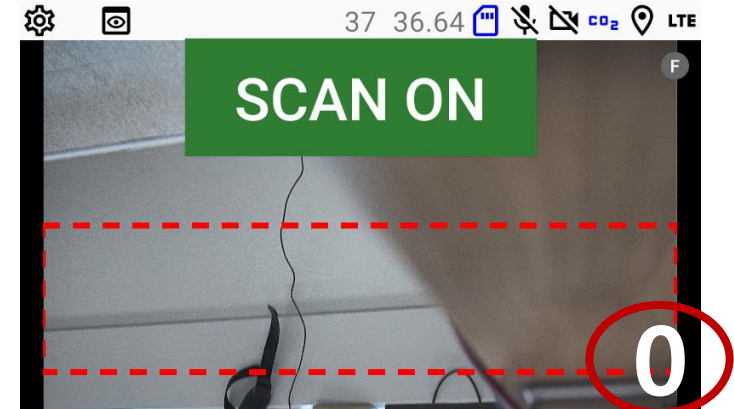
[ SCAN OFF ]



[ SCAN ON & No signal to GPS ]



[ SCAN ON ]



Touch the screen to start the AI road scan  
(SCAN ON <-> OFF)

This number indicates  
waiting to be  
transmitted via LTE.