

RZ1 AI Dash Camera



Features

Road-Facing Camera - Captures high-definition footage of the road with wide-angle coverage.

Cabin-Facing Camera - Captures a clear view of the driver and in-cabin activity with a color daytime driver-facing camera. The cabin-facing camera can easily be rotated to be disabled if not wanted.

Infrared (IR) LEDs - Enhances low-light and nighttime performance, ensuring clear video recordings in dark environments.

Lock/Unlock screw to rotate cameras - Allows precise angle adjustments, ensuring optimal coverage, with secure locking to prevent accidental movement.

Driver Alert Button - Enables drivers to manually trigger event recordings for capturing critical moments not automatically detected.
 Status LEDs - Provides clear visual indicators for power, recording, and operational status at a glance. For more details, refer to the article Understanding LED Statuses.

Speaker and Microphone - Records clear audio to add context to video footage and allows playback of system alerts and prompts. Microphone can be disabled.

Safety Events - Every time a safety event occurs based on your fleet's customized setup.

Live Video – Video is streamed at Standard Definition Quality at 512Mbps and 12 FPS. Live Video is streamed for 30 seconds by default and can be reset.

Streaming Recording Video – Video is streamed as recorded. Video can be downloaded from player.

3M Mounting Pad - Provides secure adhesion to the windshield, ensuring the camera stays in place during vibrations and harsh conditions while being easy to install and reposition.

Specifications

Road Facing Camera - 1080p 30FPS with 121 ° field of view

Driver Facing Camera - 720P, 24fps RGB and IR sensor, 170° field of view with Infrared LED and light sensor

Video Encoding Times (Hours of Recording) - Highest 52 Hours | Standard 97 Hours | Increased Storage 175 Hours | Extended Storage 209 Hours

Front Camera Resolution - Highest Quality 1080 | Standard Quality 720 | Increased Storage 720 | Extended Storage 480p

Front Camera Framerate - Highest Quality 24 | Standard Quality 30 | Increased Storage 15 | Extended Storage 15

Front Camera Bitrate (Mbps) - Highest Quality 4096 | Standard Quality 2000 | Increased Storage 1000 | Extended Storage 750

Cabin Camera Resolution - Highest Quality 720 | Standard Quality 720 | Increased Storage 720 | Extended Storage 720

Cabin Camera Framerate - Highest Quality 15 | Standard Quality 15 | Increased Storage 10 | Extended Storage 8

Cabin Camera Bitrate - Highest Quality 1024 | Standard Quality 750 | Increased Storage 512 | Extended Storage 512

Opus Audio Bitrate (Kbps) – Highest Quality 20 | Standard Quality 20 | Increased Storage 20 | Extended Storage 20

Front Camera Recording in Mbps – Highest Quality 512 | Standard Quality 250 | Increased Storage 125 | Extended Storage 93.75

Rear Camera Recording in Mbps - Highest Quality 128 | Standard Quality 93.75 | Increased Storage 0.43 | Extended Storage 0.32

Front Camera Recording Hour (GB) - Highest Quality 0.44 | Standard Quality 0.32 | Increased Storage 0.22 | Extended Storage 0.22

Rear Camera Recording in Hour (GB) - Highest Quality 0.44 | Standard Quality 0.32 | Increased Storage 0.22 | Extended Storage 0.22

Audio Recording in Hour GB - Highest Quality 0.0084 | Standard Quality 0.0084 | Increased Storage 0.0084 | Extended Storage 0.0084 | Definition of Resolutions - 1080: 1920x1080 | 720p: 1280x720 | 480p: 854x480

Audio - Speaker and Microphone

Push Button - Easy access for driver to generate safety event with video by pushing red button on camera module **LED** - Power {Green) and Safety Alerts {Red}