

VT130 (Single) and VT230 (Dual) Hardware Comparison Sheet



| Category | Feature | VT-130 | VT-230 | Specifications |
|--|---|---|---|---|
| Camera | Forward Facing | ✓ | ✓ | Single facing camera with view of the road, allowing for monitoring and coaching of driver behavior in real-time. |
| | Driver Facing | ✗ | ✓ | Dual-facing camera with view of both the road and the interior of the vehicle, allowing for monitoring and coaching of driver behavior in real-time. |
| | Storage | Configurable up to 512 GB* Cameras will come with 128GB (SD) card by default. | Configurable up to 512 GB* Cameras will come with 128GB (SD) card by default. | Equipped with advanced video compression technology, these cameras extend your driving hours, allowing for up to 2X the recording time. |
| | Resolution | 1080p road and 720p driver* | 1080p road and 720p driver* | Number of pixels that make up the image captured by the camera. Typically represented by the width and height of the image in pixels, such as 1280×720. The higher the resolution, the more detail the image can contain, leading to clearer and sharper pictures. *Default resolution may vary. |
| | Emergency Recording Button | ✓ | ✓ | Allows drivers to capture video on-the-fly when there's a threat ahead on the road. |
| | Low Light Recording & Night Vision | ✓ | ✓ | Enhanced visibility at night. |
| Installation | Plug And Play | ✓ | ✓ | Easy installation; no extra equipment or black box required. To move the camera from vehicle to vehicle, camera mount (plate) stays on the windhsiled and camera can be attached to the camera mount in the other vehicle. |
| AI Capabilities ADAS | AI On The edge | ✓ | ✓ | Video and vehicle data with computer vision + AI technology for an added dimension of analysis and insight. |
| | Harsh Breaking | ✓ | ✓ | When breaking hard at a rate that exceeds the criteria established by the fleet manager. |
| | Harsh Cornering | ✓ | ✓ | When cornering at a rate faster than the safe criteria established by the fleet administrator. |
| | Harsh Acceleration | ✓ | ✓ | When drastically accelerating at a rate that exceeds the criteria established by the fleet manager. |
| | Possible Collision | ✓ | ✓ | When the value of the accelerometer, which measures the position and the acceleration of the vehicle, exceeds a threshold (configurable), a collision or potential collision is triggered. |
| | Forward Collision Warning | ✓ | ✓ | When the time-to-collision (TTC) for a vehicle in front is at or below the specified safe threshold by the fleet administrator. |
| | Crowd Sourced Real-Time Speed Limit Detection | ✓ | ✓ | Data collected from a community of users to provide accurate and up-to-date information on speed limits. |
| | Speeding | ✓ | ✓ | When speed exceeds the speed limit posted on the road (criteria established by the fleet manager.) |
| | Tailgating | ✓ | ✓ | When a vehicle is following the vehicle in front too closely. Scale 1 - 5 (5 referring to safe distance and 1 referring to a high risk of collision) |
| | Rolling Stop | ✓ | ✓ | When speed approaching stop sign does not go below the safe criteria established by the fleet manager. |
| | Lane Drifting | ✓ | ✓ | When the vehicle drifts across lanes without passing. |
| | Roll Over Detection | ✓ | ✓ | An event where a vehicle tips onto its side or roof, typically due to a loss of control, sharp turns, or a collision. |
| | Traffic Light | ✓ | ✓ | Identify if a driver has missed a red light. |
| AI Capabilities DMS | Fatigued Driving | ✗ | ✓ | When the driver is constantly blinking, yawning or nodding. |
| | Phone Distraction | ✗ | ✓ | When the driver holds the phone to the ear for a minimum duration of 4 seconds. |
| | Seatbelt Detection | ✗ | ✓ | Driver facing camera checks for the presence of a seat belt over the driver. |
| | Distracted Driving - Phone To Ear | ✗ | ✓ | When the driver is distracted by holding a phone to their ear. |
| | Distracted Driving - Texting | ✗ | ✓ | A driving event where the driver is distracted by texting on their phone, leading to reduced focus on the road and a higher likelihood of collisions. |
| | Yawning | ✗ | ✓ | A driver event where the driver yawns, indicating fatigue, which can impair reaction time and focus, increasing the risk of accidents. |
| | Innatentive Driving | ✗ | ✓ | When the driver looks away from the road. |
| | Smoking | ✗ | ✓ | Identify if the driver is smoking while driving. |
| | Drinking | ✗ | ✓ | Identify if the driver is eating or drinking while driving. |
| In-Cabin Capabilities | In cabin coaching (drivers) | ✓ | ✓ | Realtime audio alerts to provide immediate coaching to drivers, enabling on-the-spot guidance and correction of driving behaviors while on the road. |
| | In cab audio recording | Available based on customer needs. Please see T&Cs. | Available based on customer needs. Please see T&Cs. | For complete visibility, enable audio along with video. *Based on customer privacy requirements. |
| Camera Diagnostics & Alerts available to Fleet Managers and Administrators | Camera power cut alert | ✓ | ✓ | Email notification sent to fleet administrators to indentify the date and time when the camera was disconnected. |
| | Camera obstruction | Coming Soon | Coming Soon | Identify if the camera is being obstructed. |
| | Camera health | ✓ | ✓ | Including internal storage, software version, battery health, last driver connected, and last report received. |
| Key Features | Time-lapse video | ✓ | ✓ | Review hours of video in minutes. Ideal for video requests longer than 30 minutes. |
| | Protected video for collision events | ✓ | ✓ | The SD card reserves 10 GB of its capacity specifically for critical events, so detected collision events are flagged and don't get overwritten for up to 30 days. |
| | On demand video retrieval | 10 minutes per device per month | 10 minutes per device per month | Remotely retrieve on demand video of completed or in progress trips. |
| | Live streaming | 100 minutes per device per month | 100 minutes per device per month | Remote access to real-time view of an in-progress trip to provide live coaching or enable virtual ride-alongs. |
| | Standby recording | ✓ | ✓ | Verify what happens after the vehicle is parked for a short time. For example, when performing a delivery, loading goods, or patrolling. |
| Coaching | Event review method | AI | AI | The AI reviews a violation by analyzing data on the camera and alerting drivers and fleet managers to risky driving behaviors in real-time. |
| | Coaching module | ✓ | ✓ | Identify most common events performed, top drivers, event trends, etc. |
| | Driver scorecard | ✓ | ✓ | Driver Safety Score based on the number of events performed. |
| | High risk and low risk drivers | ✓ | ✓ | Identify your top drivers and the ones that require more coaching. |
| Others | Driver ID | RFID Card/Token Manual Assignment Facial Recognition (TBD*) | RFID Card/Token Manual Assignment Facial Recognition (TBD*) | *Facial recognition not prioritized due to driver privacy concerns. However, this is evaluated periodically based on customer needs. |
| | Cloud storage | Advanced License: 6 months | Advanced License: 6 months | Videos triggered by AI or requested by users are saved to the cloud automatically. They stay there for 6 months and are then deleted. |