

**CV-MR422N/422S** ▶

4CH 1080P Mobile DVR



**Caravision has developed a multi-functional mobile digital video recorder to the agriculture and industrial heavy duty vehicles.**

**Safety operation & smart protection**

The complex work of machinery operation in the construction site, farming or logistics, people might face in different situation when accident occurred in daily life, we cannot prevent any sudden incident but to reduce the chance in safety preparation, it's also the responsibility to protect from any expensive value before collision or people who get hurt.

Thus, we would like to introduce the safety vision surveillance system not only for visual assistance but also the event recording, especially to ensure the safety of movement from machinery operation in the low light area.

Caravision has always upgraded its smart recording system from the past experiences, the built-in GPS/G-Sensor module design of 3 Axis G-Force which helped with fast response of data logging and the event triggering more precisely and sensitivity when collision has occurred, and make sure the video taken is recorded and keep it restored.



### H.265 high performance video compression

The video coding architecture has improved users' a new experience of video transmission system, H.265/HEVC (High Efficiency Video Coding) support hi-tech video compression format that saved more than 40% storage which compared to H.264/ AVC, the new technology have kept the infrastructure originate from H.264 not just improved the video stream quality but also the propagation delay and transmission algorithm.

*\*CV-MR422S/ 422N Storage: 2.5" SSD (1TB)*

The new compression format is even upgraded a better video quality from its intra prediction protocol, it brings users a better visual experience from highly PSNR adjustment as well.

### Multitasking functions

1. The convenient operational interface (OS: Linux 3.0.x);
2. 4CH Full HD and support output power to cameras;
3. Real-time vehicle position or history route trace playback (External G-mouse supported);
4. Up to 256GB\*2 SDXC SD card for backup storage;
5. Auto-reboot watchdog and automatically database backup;
6. Panic button for an emergency alert (Event trigger, etc.);
7. Wide range 8-36V power input;
8. 4G or Wi-Fi network connection supported.

*\* CV-MR422S: none network version/ CV-MR422N: 4G or Wi-Fi (Option)*

### MRPlayer - Privacy & Security protection

The proprietary video format is only playable by the video display software MRPlayer which is secured for its video privacy.

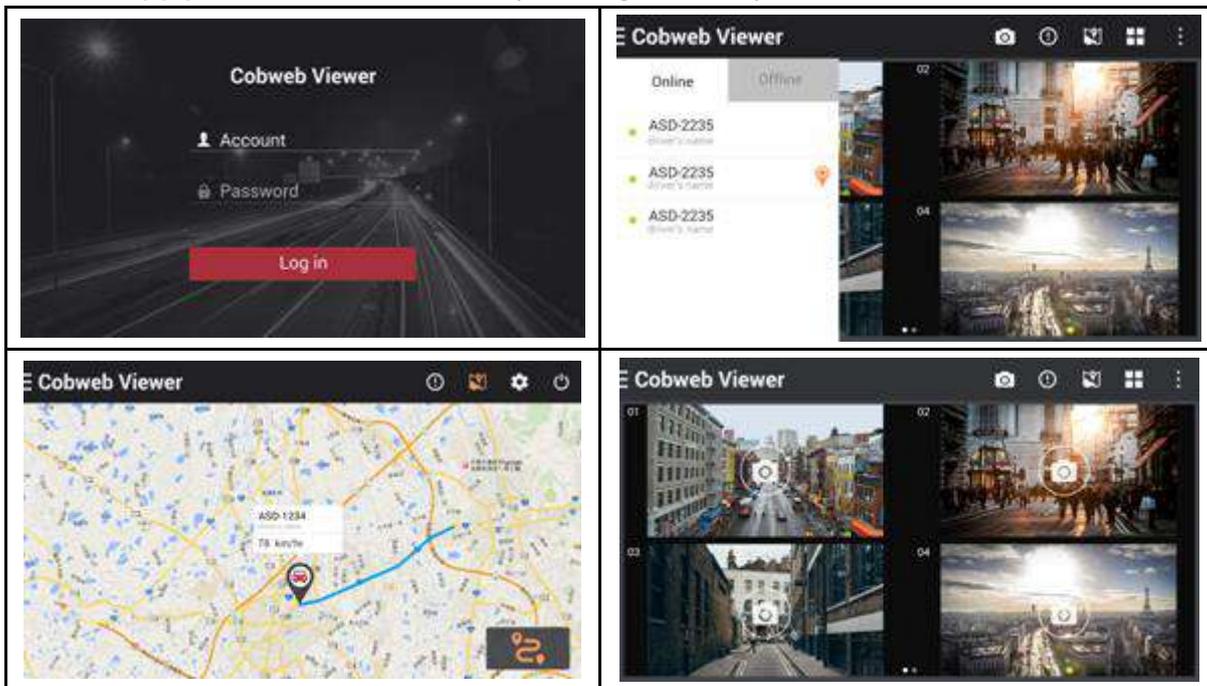
## VMS 3.0 Backend platform - Making a fleet management smarter and driving safer



### Features:

- ☑ Vehicle fleet management
  - ✓ Allowed user to established single or large groups of fleet management
  - ✓ The Car List can manage up to 50 cars for Mobile DVR device (Free version)
  - ✓ Supported max to 1,000 vehicles in an account(Option)
- ☑ The accounts management
  - ✓ To create authority layers of users account.
- ☑ The data analytics of vehicles
  - ✓ Combined with GPS/ G-Sensor and vehicle speed information which makes users easy to interpret
- ☑ The brilliant operation interface
  - ✓ Users may customize the interface and style for different applications (Option)

## Coweb app for iOS & Android - Easy management by mobile device



### Features:

- ☑ iOS & Android interfaces
- ☑ Accounts & layers management
- ☑ Listed vehicles display when access
- ☑ Real-time vehicle positioning from Google map
- ☑ Smooth live video stream via the P2P protocol
- ☑ Up to 64 split screens

Caravision has been engaged in the Car Safety Surveillance System business and service provide for many years, and we always improve the productive quality from any feedback of our users' experience, please do not hesitate to share your experience and contact us if you have any questions, thank you for your time.

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