

# VVN-CBE71 1080P

## Professional fleet dashcam



(Optional)



- › H.265 & H.264 image compression is adopted to save storage space and transmit data.
- › SOC NT98321 solution, support 4CH 1080P 15FPS/2CH 1080P 30FPS, 4CH 720P, D1.
- › Built-in 1CH 1080P camera and external 3CH HD camera for easy installation.
- › Built-in 2CH AI intelligent algorithm, which can support ADAS, DMS, and BSD functions.(optional, 2 form 3 )
- › Built-in GPS+ BeiDou Navigation Satellite System.
- › Support one Micro SD card up to 256GB and super capacitor to ensure the integrity of video files.
- › Support 1 SIM card, 4G module can choose to support global frequency bands.
- › Support WIFI hotspot, support mobile phone preview image and parameter setting.
- › Support 3ch I/O alarm in, support 2ch of RS232.
- › Built-in speaker and microphone to support two-way voice intercom between equipment and fleet management platform; TTS voice broadcast. (not supported in some countries)
- › Support mobile APP, client, fleet management platform preview image and data settings.
- › Dedicated file system to improve disk read and write efficiency and more stable recording.

## SPECIFICATIONS

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**Operating system-** Linux

**Operating surface-** Graphical menu operation interface (OSD menu),  
character overlay function

**GUI-** Support remote control operation  
or data setting through mobile APP

**CPU-** NT98321  
ARM Cortex CA9 dual core processor @1.4GHz

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**Video input-** 4CH AHD  
Supports camera quality: 1080P, 720P, D1

**Video output-** 1CH CVBS, 1.0Vp-p, 75Ω  
Support full screen and quad split screen

**Video Standards-** PAL、NTSC

**Video Compression Format-** H.264/H.265

**Preview function-** Single screen, quad split screens  
support manual/event trigger display function

**Recording Resolution-** 1080P、720P、D1、AUTO(AI MODE)

**Recording rate-** PAL: 100 frame/sec  
NTSC: 120 frame/sec

**Recording method-** Default automatic recording  
support startup recording, event recording

**Audio input-** 1 ch built-in MIC input

**Audio output-** 1 ch built-in speaker

**Compression format-** G.711A

**Audio Record method-** Sound and image are recorded synchronously

**Alarm in-** 2 switching ALARM IN

**Alarm out-** None

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All specifications shown are typical unless otherwise stated and are subject to change without notice.

## SPECIFICATIONS

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**Communication surface-** 2 ch of RS232 interface,  
reserved for communication with peripherals

**Wireless transmission-** Built-in 4G wireless transmission function,  
TDD-LTE, FDD-LTE  
WIFI: 802.11b/g/n communication module

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**GPS-** Built-in GPS/BD module

**G-SENSOR-** Support

**Micro SD card-** 1 Micro SD card with a maximum capacity of 256GB

**Upgrade method** Micro SD card update, FTP remote upgrade

**Storage method-** Dedicated file system

**USB-** Reserved USB slot (not support yet)

**Sim card slot-** one SD card slot

**Users-** Two-level management of user password and  
administrator password

**Record search-** Video data can be searched by recording time,  
recording method, etc.

**AI Algorithm-** ADAS : Lane departure, collision warning,  
vehicle distance detection,  
pedestrian detection, etc.  
DMS: Fatigue driving detection, smoking, calling,  
blocking, unsafe driving behavior detection  
BSD : left blind spot, right blind spot, left,  
right and front blind spot detection

**Language-** Mandarin/English

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## SPECIFICATIONS

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- Power management-** Wide power input, with overload, insufficient, short circuit, reverse connection protection function; Support timer power on and off and delay shutdown function.
- Input voltage-** DC: +10V ~ +36V
- Power consumption-** Normal working condition < 6W
- Temperature-** -10°C ~ +70°C
- Humidity-** 20% ~ 80%
- External dimensions-** 95mm x 130mm x 45mm
- Net weight-** 0.3kg

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