

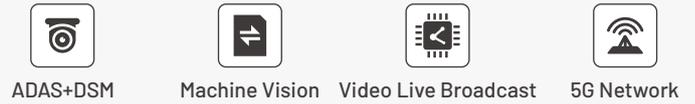
H3318C

Intelligent Video
All-in-one Vehicle
Gateway

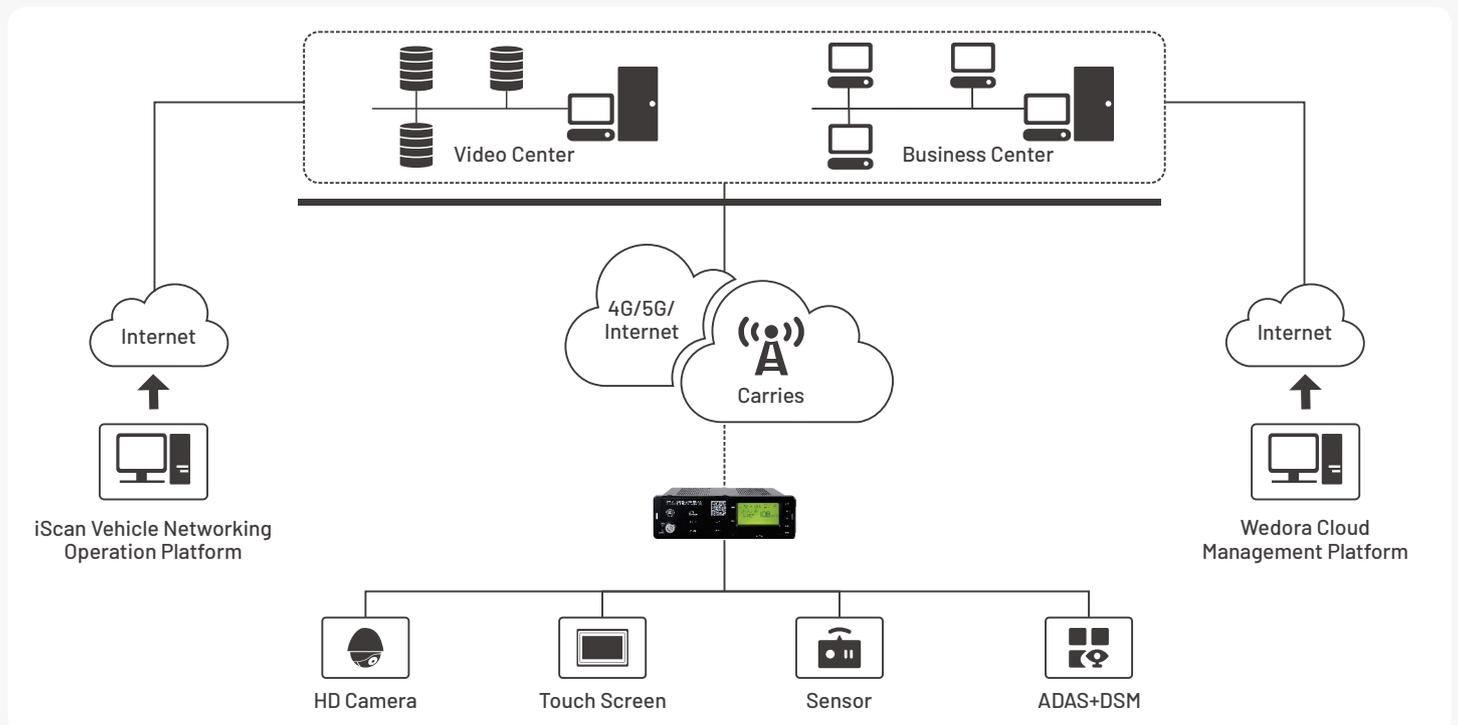


Highlights

- Support ADAS+DSM intelligent algorithm
- Support multi-channel video data collection
- Support video live broadcast, video storage and video playback
- Stable 4G/5G Networking
- Widely used in operation scenarios of special vehicles, online car hailing, bus hazardous chemical vehicles and driving behavior identification



Topology Diagram



Application Scenario



Intelligent Online-car Hailing
Central Control



Dangerous Goods Detection
of Vehicles



Special Vehicle Intelligent Analysis



Intelligent AI Analysis
of Bus

Specification

CPU	High performance ARM quad-core 1.5G processor
NPU	2.0Tops
Operating system	Linux
WIFI	802.11b/g/n (optional)
GPS/BD	Dual-mode GPS
Network	4G/5G
Serial port	Support 2×RS232, 1×RS485
USB	1×USB2.0 (USB flash disk, mouse are available)
I/O	7×I/O inputs and 2× I/O outputs
Other interfaces	1×CAN, 1×AD, 1×PULSE
Audio and video input	8×video inputs and 1× video output
Storage	SATA hard disk+double SD cards
TTS broadcast	Scheduling information voice broadcast
Alarm scene	Camera video loss, SD card and hard disk failure, deviating area (TTS broadcast), deviating track alarm reporting (TTS broadcast), over-speed warning and fatigue driving warning
Intercom	Two-way digital intercom
Picture capture	Timed capture
ADAS	Lane departure warning LDW, vehicle ahead collision warning FCW
DSM	The following behaviors detected in the driver's driving process will be reminded and reported by voice: smoking, dialing, closing eyes, yawning, lowering head, raising head, not focusing on the front, occlusion camera, etc.
Power supply	Support 12V/24V (wide voltage input)
Blackout protection	After an abnormal power blackout, it will shut down after 8 to 10 seconds.
Power consumption	Working power consumption of 10W (without screen), standby power consumption of 0.1W
Certification	CCC
Operating temperature	-20°C~+70°C (without Battery)
Storage temperature	-40°C~+80°C
Storage humidity	0%~90%Relative humidity (no condensation)
Operating humidity	0%~90%Relative humidity (no condensation)

