

Product Introduction – Full Technical Specification

This document provides a complete technical comparison of the N5C (2CH), N51 (3CH), and N52 (4CH) AI-powered dash camera systems. All models support 4G connectivity, advanced AI algorithms (ADAS/DMS/FR), dual TF card storage, and compatibility with major fleet management platforms.

Category	Parameter	N5C – 2CH	N51 – 3CH	N52 – 4CH
Product Name	—	N5C 2CH 4G AI Dashcam	N51 3CH 4G AI Dashcam	N5 4CH 4G AI Dashcam
Model	—	N5C	N51	N52
Video Input (Standard)	—	Front 1080p + Cabin 720p	Front 1080p + Cabin 720p	Front 1080p + Cabin 720p
Video Expansion (Optional)	Additional Channels	×	1CH 720p	2CH 720p
Video Output	—	×	✓	×
TF Card Storage	—	Supports 2 × TF Cards	Supports 2 × TF Cards	Supports 2 × TF Cards
AI Algorithms	ADAS / DMS / FR	✓	✓	✓
Serial Port	RS232	2 × RS232	2 × RS232	2 × RS232
I/O Ports	Inputs / Outputs	3 × I/O Inputs, 1 × I/O Output	Same	Same
4G Network	Bands	TDD-LTE, FDD-LTE	TDD-LTE, FDD-LTE	TDD-LTE, FDD-LTE
Video Format	—	H.264 / H.265	H.264 / H.265	H.264 / H.265
Audio	—	Built-in Mic, Built-in Amplifier	Same Speaker	Same
WiFi	Built-in	✓	✓	✓
GPS	Type	Gmouse GPS	Gmouse GPS	Gmouse GPS
SIM Card	Type	Nano-SIM	Nano-SIM	Nano-SIM
G-Sensor	—	Built-in Acceleration Sensor	Built-in Acceleration Sensor	Built-in Acceleration Sensor
Power Supply	Input Range	DC 8–36V	DC 8–36V	DC 8–36V
SOS Button	—	✓	✓	✓
Network / Platform Compatibility	—	MDVRPlayer, JT/T808-2013, CMSV6, Vbox, Uffizio, 3rd-party platform	Same	Same

Notes & Additional Specifications

1. AI Algorithm Suite:

All models support ADAS (Lane Departure, Forward Collision), DMS (Driver Monitoring), and FR (Facial Recognition) for driver behavior analysis and safety monitoring.

2. Storage:

Dual TF card support ensures longer video retention and redundancy for fleet management.

3. Connectivity:

Integrated 4G module allows real-time video streaming, GPS tracking, and live alerts.

4. Installation:

All models can be installed in commercial fleets, school buses, logistics vehicles, mining trucks, taxis, etc.

5. Platform Compatibility:

Supports leading platforms including Wialon, Uffizio, CMSV6, and custom server integration via JT/T808 protocol.