

SEE EVERY ANGLE PROVE EVERY MOMENT *RESPOND WITH CONFIDENCE*

4-CHANNEL AI VIDEO TELEMATICS AI-POWERED
VIDEO INTELLIGENCE FOR COMMERCIAL FLEETS



*Digit*FMS

DIGIT D-CAM NL21

CLEARER EVIDENCE, SMARTER DECISIONS



YOU CAN'T MANAGE WHAT YOU CAN'T SEE

Modern fleet operations generate more information than ever before, yet critical incidents still occur because important context is often missing. A single camera may capture an event, but rarely the complete picture, leaving unanswered questions, uncertainty and costly assumptions.

Whether it's a disputed delivery, an unsafe lane change, distracted driving or a reversing incident, incomplete visibility delays investigations, increases liability and makes confident operational decisions far more difficult.

The Digit D-Cam NL21 changes that by combining up to four Full HD camera channels with AI-supported monitoring and connected fleet technology. Every journey is captured from multiple perspectives, providing clearer evidence, stronger driver accountability and greater confidence when reviewing incidents and making operational decisions.

THE COST OF MISSING CONTEXT

- Missing context turns small incidents into costly decisions.
- Driver disputes take longer to resolve without complete evidence.
- Incomplete evidence increases liability and insurance exposure.
- Better evidence leads to faster, more confident operational decisions.
- Faster access to reliable evidence helps reduce operational disruption.

BETTER VISIBILITY LEADS TO BETTER DECISIONS



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SEE MORE. PROVE MORE. DECIDE WITH CONFIDENCE.



VIDEO RECORDS, INTELLIGENCE UNDERSTANDS

Every fleet has cameras.

Very few deliver meaningful operational intelligence.

Video shows what happened.

Artificial Intelligence helps explain why.

Fatigue develops quietly.

Distraction lasts only seconds.

Road risks emerge without warning.

Small risks quickly become costly incidents.

The Digit D-Cam NL21 combines multi-camera recording with AI-supported monitoring of both the driver and the road environment. Helping identify unsafe behaviour. Highlighting developing risks. Supporting earlier intervention and better-informed operational decisions.

Supported AI capabilities include: Driver Monitoring (DMS), Advanced Driver Assistance Systems (ADAS), Optional Blind Spot Detection (BSD) and Driver Identification - turning recorded footage into valuable operational insight.

**VIDEO SHOWS WHAT HAPPENED,
INTELLIGENCE EXPLAINS WHY**

SUPPORTED AI CAPABILITIES:

- 01** DRIVER MONITORING (DMS)
- 02** ADVANCED DRIVER ASSISTANCE (ADAS)
- 03** OPTIONAL BLIND SPOT DETECTION (BSD)
- 04** DRIVER IDENTIFICATION
- 05** REAL-TIME EVENT ALERTS



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INTELLIGENCE CREATES THE OPPORTUNITY TO INTERVENE.

ONE INCIDENT FOUR PERSPECTIVES



One camera tells part of the story.
The rest...
requires context.

The driver remembers one version. The road records another.
Without multiple perspectives, important context can be missed.

Every missing angle creates uncertainty.
Every missing perspective delays decisions.
Every unanswered question increases cost.

The Digit D-Cam NL21 supports up to four synchronised Full HD camera channels, providing multiple perspectives of every journey. Configurable front, driver, side and rear camera views work together to deliver the context needed for faster investigations, stronger evidence and more informed operational decisions.

**WHEN EVERY CAMERA ADDS CONTEXT...
THE FACTS BECOME CLEARER**

CONFIGURABLE CAMERA COVERAGE

- Front Road Camera
- Driver Monitoring Camera
- Side Vehicle Camera
- Rear Vehicle Camera
- Synchronized Playback



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ONE INCIDENT. MULTIPLE PERSPECTIVES.

COMPLETE VISIBILITY *GREATER CONFIDENCE*

POWERED BY AI VIDEO INTELLIGENCE



**DRIVER FATIGUE
ALERT**
Take a break soon



**MULTI-CAMERA
RECORDING ACTIVE**



**SAFE FOLLOWING
DISTANCE**
Maintain distance



**FORWARD COLLISION
WARNING**
Reduce speed



**LANE DEPARTURE
WARNING**
Stay in lane



**OPTIONAL BLIND
SPOT DETECTION**
Vehicle detected



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CLEARER EVIDENCE, SMARTER DECISIONS

SEE EVERY ANGLE, PROVE EVERY MOMENT

FROM REACTIVE RECORDING... TO CONNECTED OPERATIONAL INSIGHT

The Digit D-Cam NL21 does more than record an incident - it captures the wider context. By combining up to four synchronised camera views with AI-supported monitoring and connected fleet technology, it delivers clearer operational visibility from multiple critical angles.

Every journey is recorded with context.
Every event is supported by evidence.
Every decision is guided by clearer insight.

The result is faster investigations, stronger accountability and more confident operational decisions. The NL21 supports up to four-channel synchronised recording together with Driver Monitoring (DMS), ADAS, Optional Blind Spot Detection (BSD) and Driver Identification, creating a comprehensive operational view.

- Records multiple critical angles
- AI-supported driver and road awareness
- Synchronized multi-camera evidence
- Connected remote fleet visibility
- Clearer operational visibility

**ONE PLATFORM,
MORE CONTEXT,
GREATER CONFIDENCE**



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WHEN EVERY VIEW ADDS CONTEXT, THE FACTS BECOME CLEARER.

KEY CAPABILITIES

INTELLIGENCE BUILT FOR EVERY JOURNEY



MULTI-CAMERA RECORDING

- Up to 4 Full HD camera channels
- Configurable front, driver, side and rear camera coverage
- Synchronized multi-camera playback



AI DRIVER MONITORING (DMS)

- Driver fatigue detection
- Driver distraction detection
- Phone usage detection
- Seatbelt monitoring
- Driver Identification



ROAD INTELLIGENCE (ADAS)

- Forward collision warning
- Lane departure warning
- Unsafe following distance
- Optional Blind Spot Detection (BSD)



CONNECTIVITY & LOCATION

- 4G LTE connectivity
- GNSS positioning (GPS + BeiDou)
- Live platform integration
- Remote fleet visibility



RECORDING & STORAGE

- Dual SD storage
 - Up to 2 × 512GB (1TB total capacity)
- H.265 video compression
- Event-based recording



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CLEARER EVIDENCE. BETTER DECISIONS. EVERY JOURNEY.

MORE THAN A RECORDER, THE INTELLIGENCE HUB OF YOUR FLEET



The Digit D-Cam NL21

is more than another camera in the vehicle. It brings video, AI-supported monitoring and operational insight together in one connected platform.

AI-supported monitoring. Multi-camera recording. GNSS positioning. Driver monitoring. Road awareness. Connected fleet technology. **All working together through one integrated platform.**

KEY ADVANTAGES

- Up to 4-channel AI video recording
- AI Driver Monitoring (DMS)
- ADAS & Optional Blind Spot Detection (BSD)
- GNSS Positioning + 4G Connectivity
- Driver Identification
- Dual SD Storage – Up to 2 × 512GB (1TB Total Capacity)
- Connected Platform Integration

ONE CONNECTED PLATFORM, CLEARER INSIGHT, BETTER DECISIONS



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ONE PLATFORM. CONNECTED INTELLIGENCE.

WHERE EVIDENCE BECOMES CERTAINTY

**Fleet decisions
shouldn't depend on opinions.**

Or assumptions.

They should be backed by reliable evidence.

The Digit D-Cam NL21 combines synchronised multi-camera video, AI-supported monitoring and connected fleet technology to provide reliable operational evidence across every journey.

Every incident is viewed from multiple perspectives.

Every alert is supported by context.

Every decision is backed by clearer evidence.

Whether resolving an insurance claim, investigating an incident or improving driver performance, the NL21 provides the evidence needed to respond faster, reduce uncertainty and strengthen accountability across your operation. By combining up to four-channel recording with AI-supported features and connected fleet technology, fleets gain reliable operational insight in one platform.

BUSINESS BENEFITS

- Resolve incidents with reliable video evidence
- Improve driver accountability
- Strengthen insurance and claims support
- Make faster, better-informed operational decisions
- Improve fleet safety and accountability

WHEN EVIDENCE REPLACES ASSUMPTIONS... CONFIDENCE FOLLOWS



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CLEAR EVIDENCE DRIVES BETTER DECISIONS.

FAQ

IS THE NL21 JUST ANOTHER MDVR?

No. The Digit D-Cam NL21 combines commercial-grade multi-camera recording, AI-supported monitoring, Driver Monitoring (DMS), ADAS, Optional Blind Spot Detection (BSD), Driver Identification and connected fleet technology into one integrated video telematics platform.

HOW MANY CAMERAS CAN THE NL21 SUPPORT?

The NL21 supports up to four synchronised Full HD camera channels. Camera quantity and placement are configured according to the vehicle type and operational requirements.

CAN INCIDENTS BE VIEWED REMOTELY?

Yes. With integrated 4G LTE connectivity, GNSS positioning and supported platform integration, authorised users can access live information and recorded events, subject to network availability and system configuration.

WHAT AI SAFETY FEATURES ARE INCLUDED?

The NL21 supports Driver Monitoring (DMS), Advanced Driver Assistance Systems (ADAS), Optional Blind Spot Detection (BSD) and Driver Identification to help improve driver safety and operational awareness.

IS THE NL21 SUITABLE FOR DEMANDING COMMERCIAL FLEETS?

Yes. The NL21 is designed for logistics, fuel transport, passenger transport, security, municipal and other commercial fleet applications. For specialised mining or extreme-duty environments, DigitFMS can recommend the most appropriate solution.

HOW MUCH VIDEO CAN THE SYSTEM STORE?

The NL21 supports Dual SD card storage with up to 2 × 512GB cards, providing up to 1TB total recording capacity for continuous and event-based recording.

STILL HAVE QUESTIONS?

Speak to your nearest DigitFMS specialist to discuss the ideal NL21 camera configuration for your fleet and operational requirements.



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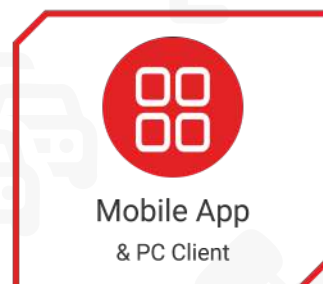
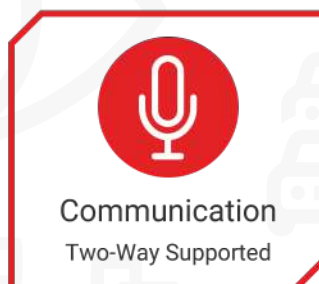
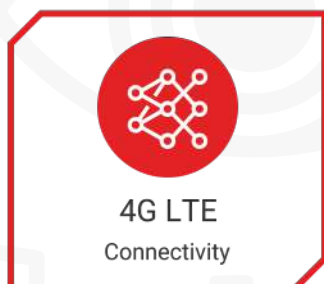
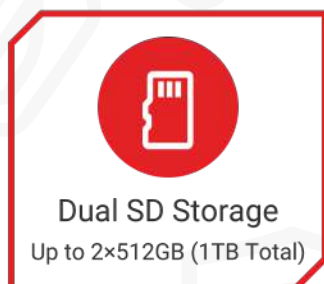
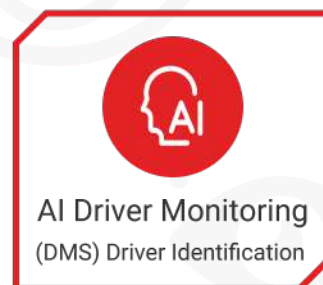
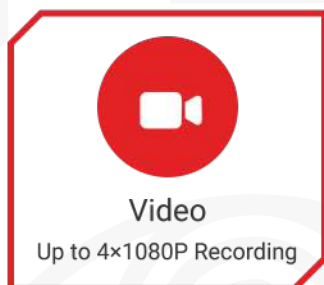
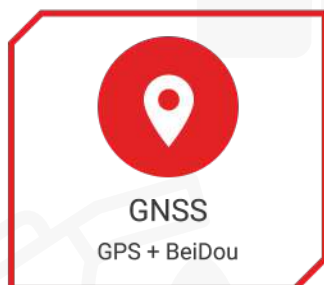
THE RIGHT ANSWERS. THE RIGHT SOLUTION.

MODEL: DIGIT D-CAM NL21

MODEL NUMBER: NL21 4-CHANNEL AI VIDEO TELEMATICS PLATFORM



PRODUCT FEATURES



PRODUCT OVERVIEW

The Digit D-Cam NL21 is a commercial-grade 4-channel AI video telematics platform designed for fleets that require reliable operational visibility. Combining up to four Full HD camera channels, AI-supported monitoring, connected fleet technology and dual SD storage, it provides reliable evidence, driver awareness and operational insight through one integrated platform.

Designed for logistics, fuel transport, passenger transport, construction, security and commercial fleets, the NL21 delivers dependable performance, reliable evidence and operational insight for everyday fleet operations.



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CORE SPECIFICATIONS

Attributes	Parameters
Power & Protection	Input: DC +9V to +36V, Output: 12V@1A, +5V@1A, Power Consumption: <12W
System & Processor	Novatek CPU, Linux OS, Web & Mobile App, English / Chinese
Audio & Video	4CH Audio, H.264 / H.265, 1080P / 720P / D1 / HD1 / CIF, 1-4 Channel Playback, Auto / ACC / Timed / Event Recording

PLATFORM FEATURES

Attributes	Parameters
Connectivity	External GNSS (GPS + BeiDou), 4G LTE, Wi-Fi AP Mode
AI Features	DMS, ADAS, Optional Blind Spot Detection (BSD), Driver Identification
Storage	Dual SD Slots, Up to 2 × 512GB (1TB Total), SD/U-Disk/FTP Upgrade
Interfaces	2×RS232, 1×RS485, 4 Digital Inputs, Panic Button, Relay Output

HARDWARE & ENVIRONMENTAL

Attributes	Parameters
Sensors	Built-in 3-axis G-sensor, Optional 6-axis Gyroscope
Environment	-20°C to +70°C, 20-90% Humidity
Mechanical	120 × 77 × 55 mm, 240 g



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PRODUCT DESIGN



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ENGINEERED FOR COMMERCIAL FLEET OPERATIONS

WHERE OPERATIONAL VISIBILITY MATTERS MOST

DESIGNED FOR FLEETS THAT RELY ON CLEARER OPERATIONAL INSIGHT.

The Digit D-Cam NL21 is designed for organisations where safety, accountability and operational visibility support better day-to-day fleet performance.

Whether managing long-haul transport, protecting valuable cargo or improving fleet accountability, the NL21 provides the visibility and evidence needed to support faster, better-informed decisions.

IDEAL FOR

-  NATIONAL LOGISTICS FLEETS
-  MINING & SPECIALISED VEHICLES
-  FUEL & HAZARDOUS GOODS TRANSPORT
-  CONSTRUCTION & INFRASTRUCTURE
-  MUNICIPAL & UTILITY FLEETS
-  PUBLIC TRANSPORT OPERATIONS
-  SECURITY & RAPID RESPONSE VEHICLES
-  HIGH-VALUE CARGO TRANSPORT

WHEN EVERY DECISION MATTERS...
EVERY DETAIL COUNTS



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CLEARER EVIDENCE. BETTER DECISIONS. EVERY JOURNEY.

SEE EVERYTHING PROVE ANYTHING *RESPOND WITH CONFIDENCE*

AI VIDEO TELEMATICS -
DESIGNED FOR COMMERCIAL
FLEET OPERATIONS

READY TO IMPROVE YOUR FLEET VISIBILITY?

The Digit D-Cam NL21 delivers clearer operational visibility through AI-supported video telematics. Better evidence. Better decisions. Greater confidence. Speak to DigitFMS about the right solution for your fleet.

**SPEAK TO A DIGITFMS
FLEET SPECIALIST**

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**DISCOVER
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