EVERY ANGLE COVERED
EVERY SECOND SECURED
EVERY STORY PROVEN

6-CHANNEL AI VIDEO TELEMATICS - BUILT FOR HEAVY FLEETS



Digit FMS

DIGIT D-CAM M1N 2.0

SIX VIEWS, ONE TRUTH, TOTAL CONTROL



THE SHIFT
FROM ONE VIEW...
TO THE WHOLE PICTURE

EVERYONE HAS A DASHCAM
VERY FEW SEE THE WHOLE VEHICLE

A forward camera shows the road ahead. It doesn't show the trailer's nearside, the passenger door, the cargo bay or the reversing zone. On a heavy vehicle, that's where the risk lives.

The **Digit D-Cam M1N 2.0** records up to six cameras at once, in Full HD, and runs built-in AI on the moments that matter most.

Front. Cab. Both sides. Rear. Cargo.
One recorder. One timeline. One version of events.

This is not more cameras.
This is complete coverage.

THIS IS WHERE COVERAGE BECOMES CONTROL

DigitFMS DIGIT D-CAM M1N 2.0



THE PROBLEM ISN'T FOOTAGE IT'S COVERAGE

Most heavy-vehicle incidents don't happen in front of the windscreen. **They happen beside the trailer. Behind the bus. At the loading bay. At the door.**

The forward camera saw nothing.
The driver saw part of it.
The third party saw an opportunity.

And without footage from the angle that matters…
the facts become negotiable.

Claims stall. Liability drifts.
Cargo goes missing and nobody can say where.

What should be settled with one clip…
turns into weeks of statements and assumptions.

AND A MISSING ANGLE IS EXPENSIVE

Operational Consequences:

01 **SIDE-SWIPE AND TURNING CLAIMS GO UNCONTESTED**

02 **PASSENGER AND PEDESTRIAN INCIDENTS CAN'T BE VERIFIED**

03 **CARGO LOSS AND DOOR TAMPERING GO UNEXPLAINED**

04 **REVERSING AND YARD DAMAGE HAS NO WITNESS**

05 **DRIVER ACCOUNTABILITY STOPS AT THE WINDSCREEN**

06 **EVIDENCE IS LOST WHEN A CARD FAILS OR IS PULLED**

07 **INSURANCE EXPOSURE GROWS WITH EVERY UNPROVEN EVENT**

DigitFMS **DIGIT D-CAM M1N 2.0**

WHAT YOU DIDN'T RECORD, YOU CAN'T DEFEND.

RISK LIVES ON THE BLIND SIDE



A heavy vehicle has more mirrors than answers.

A cyclist drifts into the nearside.
A taxi cuts in at the intersection.
A pedestrian steps out behind the trailer.
A cargo door opens where it shouldn't.

These aren't rare events.
They're daily exposure, on every route and in every depot.

And a single camera only ever tells half the story. Sometimes the wrong half. Then a card is pulled, a recorder gives up in the heat, or vibration corrupts the one file that mattered.

Questions go unanswered.
Costs land on your side of the table.

BECAUSE WHEN YOU ONLY SEE HALF THE STORY…
YOU DON'T DEFEND IT, YOU PAY FOR IT

DigitFMS **DIGIT D-CAM M1N 2.0**

HALF A STORY IS A LOST ARGUMENT.

SIX-CHANNEL AI VIDEO & *OPERATIONAL INTELLIGENCE*

FROM PARTIAL VIEW... TO TOTAL COVERAGE



Digit FMS

DIGIT D-CAM M1N 2.0

SIX VIEWS, ONE TRUTH, TOTAL CONTROL



COMMAND THE MOMENT

FROM PARTIAL VIEW…
TO TOTAL COVERAGE

The **Digit D-Cam M1N 2.0** doesn't just record more angles. It understands them. Up to six cameras record in Full HD at once, while built-in AI on two channels watches for the risks that matter most on each vehicle: the road ahead, the driver or the blind side.

Every channel lands on one timeline, linked to location, speed, G-force and vehicle data. When something happens, you don't piece the story together. You press play.

- Six synchronised Full HD views
- Built-in AI: ADAS, DMS and BSD
- Live view and alerts over 4G
- Evidence on SD and SSD storage

One hardened recorder.
No extra boxes. No guesswork.

THIS IS NOT RECORDING
THIS IS COMMAND ON WHEELS

KEY CAPABILITIES

INTELLIGENCE ACROSS EVERY ANGLE



SIX-CHANNEL FULL HD VIDEO

- 4 × AHD + 2 × IP camera inputs
- 1080P real-time, full-frame recording
- AHD output for an in-cab monitor

BUILT-IN AI SAFETY

- ADAS: road-risk warnings
- DMS: fatigue and distraction alerts
- BSD: blind-spot detection
- AI on two channels, set per vehicle

CONNECTIVITY & POSITIONING

- 4G LTE, main + diversity antennas
- GPS · BeiDou · Galileo · GLONASS
- Wi-Fi 5 and eSIM (optional)

EVIDENCE THAT SURVIVES

- 2 × microSD, up to 512GB each
- M.2 SSD up to 2TB, with heater
- Key-locked storage bay

VEHICLE INTEGRATION

- 2 × CAN-FD · 8 inputs / 2 outputs
- 2 × RS232 · 1 × RS485
- iButton driver ID · speed input

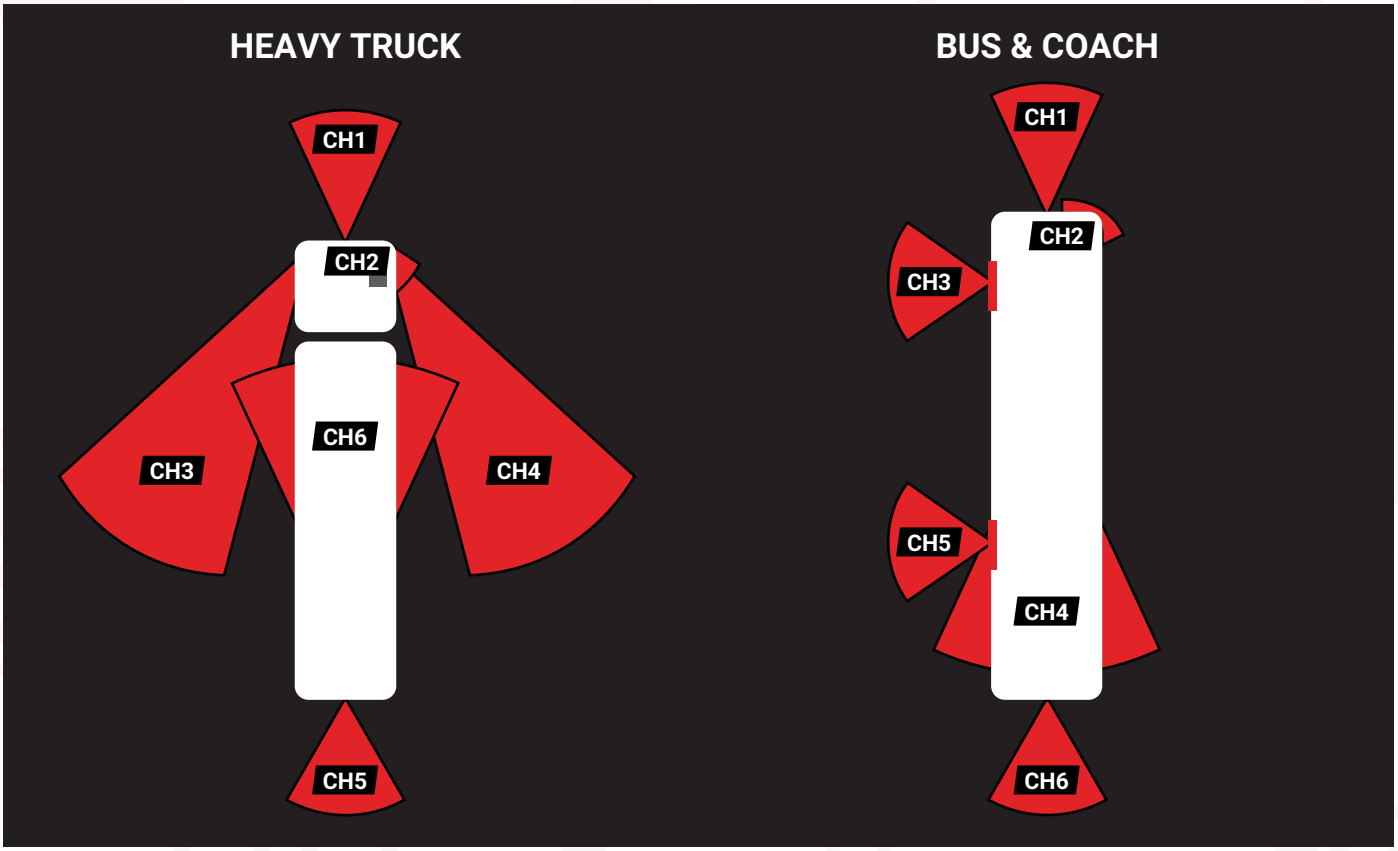
BUILT FOR HARSH ROADS

- −40°C to +70°C operating
- Meets ISO 16750 & ISO 7637
- Triple vibration protection

SIX VIEWS. ONE RECORDER.

EVERY CHANNEL HAS A JOB

Six camera inputs (four AHD and two IP) record at the same time in Full HD, and two of those channels carry the built-in AI. Every vehicle is surveyed and specified individually, but most heavy fleets follow one of these layouts.



HEAVY TRUCK

- CH1 Forward road (ADAS)
- CH2 Driver (DMS)
- CH3 Nearside (left) side, BSD-ready
- CH4 Offside (right) side
- CH5 Rear and reversing
- CH6 Cargo or trailer interior

BUS & COACH

- CH1 Forward road (ADAS)
- CH2 Driver (DMS)
- CH3 Front passenger door
- CH4 Saloon
- CH5 Rear passenger door
- CH6 Rear and reversing

Built-in AI runs on two channels, usually ADAS + DMS. On blind-spot-critical routes, BSD takes one of the two.

WHEN EVERY ANGLE HAS A CAMERA, EVERY QUESTION HAS AN ANSWER.

DigitFMS DIGIT D-CAM M1N 2.0

LOOKS LIKE A RECORDER PERFORMS LIKE A CONTROL ROOM



Most mobile video recorders are storage boxes. They capture footage, and you go looking for it after the damage is done. Adding AI, tracking and vehicle data usually means adding more boxes, and more things to fail.

The Digit D-Cam M1N 2.0 removes that compromise. Video, AI, positioning, connectivity and vehicle data run through one hardened unit, so the whole picture arrives in one place.

KEY CAPABILITIES

- One unit for video, AI, tracking and vehicle data
- Six camera inputs, AI on two channels, one timeline
- Dual storage: microSD plus M.2 SSD up to 2TB
- Built for South African extremes: heat, cold, corrugations and long-haul vibration

NO EXTRA BOXES, NO WEAK LINKS
THE MOST COMPLETE VIDEO PLATFORM IN THE DIGIT D-CAM RANGE

DigitFMS DIGIT D-CAM M1N 2.0

WHERE COVERAGE BECOMES MEASURABLE CONTROL



On heavy fleets, the costly moments rarely happen where one camera can see them, and decisions get made under pressure with conflicting accounts. **When every channel is recorded on one timeline** and linked to location, speed and vehicle data, you act faster, settle disputes with confidence and run every route with certainty.

- **Settle side, rear and passenger disputes with multi-angle footage**
- **Reduce insurance exposure with verified, time-stamped evidence**
- **Coach drivers on facts: fatigue, distraction, following distance**
- **Protect cargo and doors with dedicated cameras and sensor-triggered events**
- **Keep evidence safe with dual storage and a key-locked drive bay**
- **Link every clip to driver ID, location and CAN vehicle data**

**WHEN EVERY ANGLE IS RECORDED,
EVERY ARGUMENT ENDS**

DigitFMS DIGIT D-CAM M1N 2.0



FAQ

HOW IS THE DIGIT D-CAM M1N 2.0 DIFFERENT FROM A STANDARD MDVR?

A standard MDVR records footage and waits for someone to go looking. **The M1N 2.0 is a complete AI video telematics platform:** up to six Full HD cameras, built-in AI for ADAS, DMS and BSD, four-constellation positioning, 4G live view and CAN-FD vehicle data in one hardened unit. **It moves your fleet from searching for evidence to acting on it.**

WHERE DOES IT FIT IN THE DIGIT D-CAM RANGE?

It is the flagship. The NL19 and NL21 cover two- to four-camera installs. **The M1N 2.0 steps up to six channels**, adds an M.2 SSD of up to 2TB and two CAN-FD buses, and operates from −40°C to +70°C, for heavy vehicles, buses and harsh-duty fleets **where every angle counts.**

WHAT HAPPENS TO FOOTAGE IF A CARD FAILS OR SOMEONE TRIES TO REMOVE IT?

Recordings can be spread across two microSD cards (up to 512GB each) and an M.2 SATA SSD (up to 2TB), which leaves room for backup copies and long retention. The storage door locks with a key, the SSD has a heater for cold starts, and event clips can be sent to the platform over 4G, subject to network coverage.

CAN IT HANDLE MINING, LONG-HAUL AND EXTREME CONDITIONS?

It is engineered for them. The M1N 2.0 operates from −40°C to +70°C, meets the ISO 16750 and ISO 7637 vehicle test standards, and combines mechanical, electronic and software vibration reduction. Connectors are automotive-grade and quick-release, and the external GNSS antenna is IP67. The recorder itself is installed in a protected position inside the vehicle.

MODEL:
6CH AI MDVR



MODEL NUMBER: M1N2.0-H0402

AI MOBILE VIDEO RECORDER FOR COMMERCIAL VEHICLES

6CH FULL HD
4 AHD + 2 IPC

4G LTE
Main + diversity

QUAD GNSS
GPS · BDS · GAL · GLO

WI-FI 5
Optional

eSIM READY
Optional

BUILT-IN AI
ADAS · DMS · BSD

6-AXIS SENSOR
Impact & driving events

2 × CAN-FD
Vehicle data

DUAL MICRO SD
Up to 2 × 512GB

M.2 SSD
Up to 2TB, heated

DRIVER ID
iButton interface

−40°C TO +70°C
ISO 16750 / 7637

The Digit D-Cam M1N 2.0 is a six-channel AI mobile video recorder for heavy commercial vehicles, buses and harsh-duty fleets. It brings Full HD multi-camera recording, built-in ADAS, DMS and BSD, four-constellation positioning, 4G live view and CAN-FD vehicle data into one hardened unit. Ideal for long-haul, bus and coach, mining, security and distribution fleets that need every angle on record.

PRODUCT FEATURES

- 4CH AHD + 2CH IPC video inputs, up to 1080P
- 6CH 1080P real-time, full-frame encoding (video-only mode)
- Built-in NPU with 2CH AI: ADAS, DMS and BSD
- 4G/3G with main and diversity antenna support
- GPS, BeiDou, Galileo and GLONASS; external IP67 antenna
- Wi-Fi 5 (802.11ac) and eSIM, optional
- 2 × microSD up to 512GB each, plus 1 × M.2 SATA SSD up to 2TB (heated)
- Key-locked storage door, LED status panel, front USB 2.0
- 2 × CAN-FD, 8 inputs / 2 outputs, 2 × RS232, 1 × RS485
- iButton driver ID, speed input, IR support
- 1CH AHD video output for an in-cab monitor
- 6-axis accelerometer for impact and driving events
- DC 9–36V; −40°C to +70°C operating
- Meets ISO 16750 / ISO 7637; triple vibration reduction

SYSTEM & PROCESSOR

Attributes	Parameters
Model	M1N2.0-H0402
Processor	High-speed processor with built-in NPU (neural network inference engine)
RAM	1GB
ROM	8GB
Operating system	Linux

VIDEO & AUDIO

Attributes	Parameters
Video input	4CH AHD + 2CH IPC (max. 1080P)
Encoding (PAL)	4 × 1080P@25fps (AHD) + 2 × 1080P@30fps (IPC)
Encoding (NTSC)	4 × 1080P@30fps (AHD) + 2 × 1080P@30fps (IPC)
Full-frame recording	6CH 1080P@30fps real-time, full-frame (video-only mode)
Video output	1CH AHD (in-cab monitor)
Audio input	4CH AHD + 2CH IPC
Audio output	1CH

AI & DRIVER IDENTIFICATION

Attributes	Parameters
Built-in AI	2CH: ADAS, DMS, BSD
Driver ID	1CH driver-information interface (iButton)
Motion sensor	6-axis accelerometer

STORAGE

Attributes	Parameters
microSD	2 × microSD slots, up to 2 × 512GB
SSD	1 × M.2 SATA SSD, up to 2TB, with heating support
Storage security	Key-locked storage door (hard disk lock)

CONNECTIVITY & POSITIONING

Attributes	Parameters
Cellular	4G/3G: TDD-LTE, FDD-LTE, EVDO, TD-SCDMA, WCDMA
Antennas	Main + diversity (diversity optional)
Wi-Fi	Wi-Fi 5, 802.11b/g/n/ac (optional)
GNSS	GPS, BeiDou, Galileo, GLONASS; external IP67 antenna
SIM	1 × physical SIM slot; eSIM (optional)

INTERFACES & I/O

Attributes	Parameters
USB	1 × USB 2.0 Type-A (front panel)
I/O	8 inputs, 2 outputs
Serial ports	2 × RS232, 1 × RS485
CAN	2 × CAN-FD
Speed input	Supported
IR	Supported
Status indicators	LED: PWR, REC, NET, ALM, ERR, USB

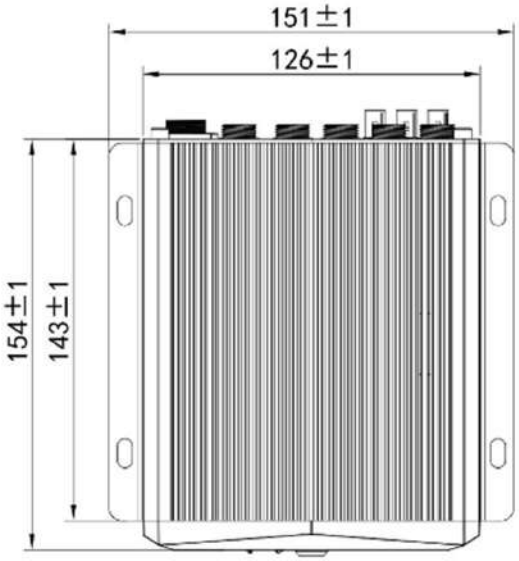
POWER

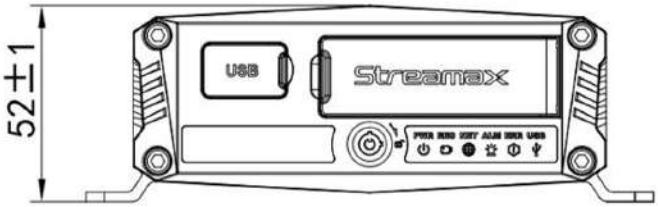
Attributes	Parameters
Power input	DC 9–36V
Power consumption	Host <10W (bare unit); typical operating <40W

PHYSICAL & ENVIRONMENT

Attributes	Parameters
Dimensions	154 × 151 × 52mm
Weight	1.7kg
Operating temperature	−40°C to +70°C
Storage temperature	−40°C to +85°C
Vibration protection	Mechanical, electronic and software vibration reduction
Vehicle test standards	ISO 16750, ISO 7637
Connectors	Automotive-grade, quick-release

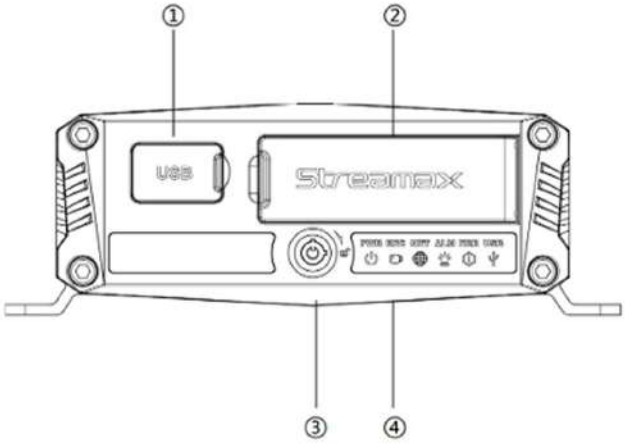
PRODUCT SIZE





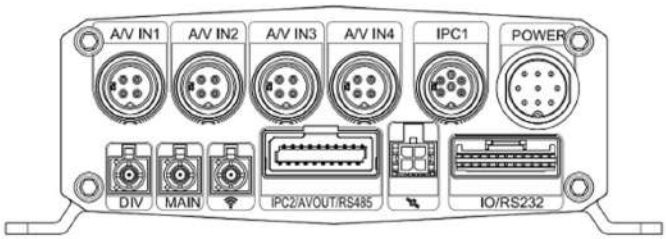
154 × 151 × 52mm · 1.7kg
All dimensions in mm

PANEL LAYOUT



FRONT PANEL

① USB 2.0 port
② Storage: 2 × microSD + 1 × M.2 SATA SSD; SIM card slot
③ Storage-door key lock
④ LED status indicators



REAR PANEL

POWER Power input (incl. CAN1)
A/V IN1–4 AHD cameras 1–4
IPC1 IP camera 1
IPC2/AVOUT/RS485 IP camera 2, video out, RS485
IO/RS232 External I/O, RS232
GNSS Positioning antenna
Wi-Fi Wi-Fi antenna
MAIN 4G main antenna
DIV 4G diversity antenna (optional)

ENGINEERED FOR *HEAVY-DUTY FLEETS*

WHERE PERFORMANCE MEETS REALITY

DIGIT D-CAM M1N 2.0 is designed for:

- **LONG-HAUL & LOGISTICS FLEETS**
- **BUS, COACH & STAFF TRANSPORT**
- **MINING & HEAVY OPERATIONS**
- **CASH-IN-TRANSIT & SECURITY VEHICLES**
- **FUEL & DISTRIBUTION NETWORKS**
- **COLD-CHAIN & REFRIGERATED TRANSPORT**
- **MUNICIPAL & PUBLIC-SERVICE FLEETS**

ENVIRONMENTS WHERE EVERY ANGLE MATTERS

DIGIT D-CAM M1N 2.0 FEATURES	
VIDEO:	
6-channel recording (4 AHD + 2 IPC)	✓
Full HD 1080P on every channel	✓
AHD monitor output	✓
Audio recording	✓
AI SAFETY:	✓
ADAS road-risk detection	✓
DMS driver monitoring	✓
BSD blind-spot detection	✓
Driver ID (iButton)	✓
CONNECTIVITY	
4G LTE	✓
Quad GNSS (GPS · BDS · GAL · GLO)	✓
Diversity antenna	Optional
Wi-Fi 5	Optional
eSIM	Optional
STORAGE:	
Dual microSD (2 × 512GB)	✓
M.2 SATA SSD (up to 2TB)	Supported
Key-locked storage bay	✓
VEHICLE INTEGRATION:	
2 × CAN-FD	✓
8 inputs / 2 outputs	✓
2 × RS232 / 1 × RS485	✓
Speed input	✓
DURABILITY:	
−40°C to +70°C operation	✓
ISO 16750 / ISO 7637	✓
Triple vibration reduction	✓

DETAILED MATRIX

VIDEO RECORDING:	
4 × AHD camera inputs (1080P)	✓
2 × IP camera inputs (1080P)	✓
Real-time, full-frame encoding	✓
AHD video output (in-cab monitor)	✓
Audio: 6 inputs / 1 output	✓
BUILT-IN AI (2 CHANNELS):	
ADAS: road-risk detection	✓
DMS: driver fatigue & distraction	✓
BSD: blind-spot detection	✓
Driver identification (iButton)	✓
STORAGE & EVIDENCE:	
2 × microSD (up to 512GB each)	✓
M.2 SATA SSD (up to 2TB)	Supported
SSD heating	✓
Key-locked storage door	✓
Front USB 2.0	✓
CONNECTIVITY & POSITIONING:	
4G/3G cellular	✓
Diversity antenna	Optional
Wi-Fi 5 (802.11ac)	Optional
eSIM	Optional
GPS / BeiDou / Galileo / GLONASS	✓
IP67 external GNSS antenna	✓
VEHICLE INTEGRATION:	
2 × CAN-FD	✓
8 inputs / 2 outputs	✓
2 × RS232 / 1 × RS485	✓
Speed input	✓
IR support	✓
SENSORS & DURABILITY:	
6-axis accelerometer (impact & harsh events)	✓
−40°C to +70°C operating	✓
ISO 16750 / ISO 7637	✓
Triple vibration reduction	✓
Automotive-grade quick-release connectors	✓

SOFTWARE SPECIFICATION:	
Software Platform	Digit-Web
STANDARD FEATURES:	
Real-time GPS tracking	✓
Live video streaming	✓
Remote video playback	✓
PC client support	✓
OTA upgrade	✓
Local backup	✓
Two-way intercom	✓
View map / video / combined	✓
Mobile app: live view, playback, events	Optional
AVAILABLE ALARM PARAMETERS:	
Harsh driving / impact alarm	✓
Speed alarm	✓
Video loss alarm	✓
Camera-covering alarm	✓
Geo-fencing alarm	✓
Input alarms (doors, panic)	✓
ALARM EVIDENCE DOWNLOAD:	
Main-stream / sub-stream selectable	✓
GPS information	✓
Accelerometer data	✓
REPORTS:	
Device movement report	✓

EVERY ANGLE COVERED
EVERY STORY PROVEN

6-CHANNEL AI VIDEO TELEMATICS - BUILT FOR HEAVY FLEETS



FOR MORE INFORMATION GET IN TOUCH

Digit D-Cam M1N 2.0 gives heavy fleets the whole picture.
Every angle. Every second. Every answer.
If your operation can't afford a blind side, let's talk.

SPEAK TO A DIGITFMS SPECIALIST

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WHO IS DIGITFMS

DigitFMS DIGIT D-CAM M1N 2.0

THE COMPLETE PICTURE. THE STRONGEST POSITION.