

MATERIAL HANDLING TELEMATICS VIDEO

Digital Video Recorder

Looping DVR with Event-Triggered Video Clips

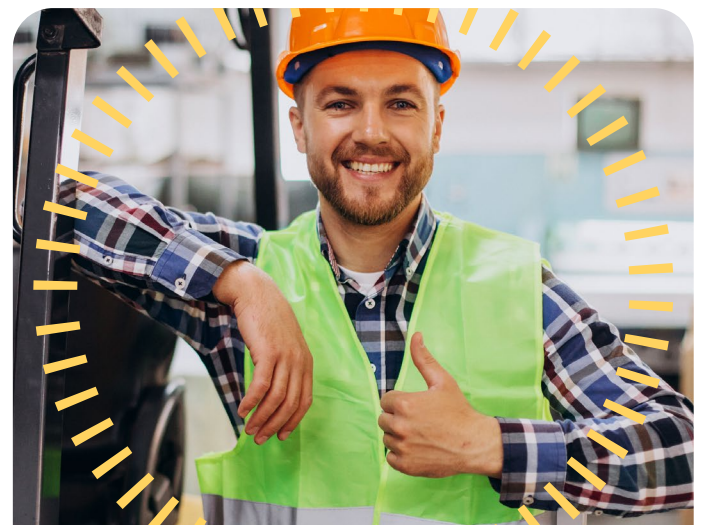
The **Digital Video Recorder** is designed for forklifts and industrial vehicles. This powerful system comprises a central DVR and up to 4 compatible cameras, continuously recording during vehicle operation. When connected to our Forklift Gateway, the DVR automatically saves video clips capturing events like impacts, providing a comprehensive record of before, during, and after incidents.

Additionally, operators have the ability to manually trigger video clips, allowing proactive monitoring of material conditions during facility navigation and trailer loading.

The system serves multiple purposes, including operator monitoring for identifying bottlenecks and problem areas, detecting damaged materials and equipment, verifying accident claims, and providing opportunities for operator coaching.

The Digital Video Recorder can be used offline, by reviewing SD card recordings, or can have cellular or Wi-Fi connectivity options to integrate with Powerfleet's SaaS-based fleet intelligence platform.

The platform provides notifications as well as the option to quickly review events without having to pull the Digital Video Recorder's SD Card.



Key features



Saves video clips capturing events, and on-demand with wired remote control



Continuous looping recording



Cloud connected devices support automated event notification



128GB SD storage capacity, record up to 200 hours of footage



1080p or 720p recording resolution



Key locked to prevent unauthorized access to SD card



Supports up to 4 cameras



High-quality night recording using IR vision



Designed to Revolutionise Your Material Handling Operations

The **Digital Video Recorder** offers a broad array of business-relevant features designed to digitalise and revolutionise your material handling operations:



Increase Safety



Mitigate liability



Adhere to compliance standards



Increase longevity of assets



Protect brand reputation



Boost employee morale



Technical Specifications

Communication

| | |
|------------------------------|--|
| Cellular Technology | LTE CAT-1 4G Bands: CP4S-NA: [CAT4] B2/B4/B5/B12/B13/B14/B66/B71; [3G] B2/B4/B5; CP4S-EU: [CAT4] B1/B3/B7/B8/B20/B28A/B38/B40/B41; [3G] B1/B8 |
| Cellular Data Rates | Uplink up to 50 Mbps, downlink up to 150 Mbps |
| SIM | Standard SIM, Internal, Non-replaceable |
| Wi-Fi Standards | 802.11 a/b/g/n/ac |
| Wi-Fi Tx / Rx | 433Mbps (5GHz 802.11ac), 200Mbps (2.4GHz 802.11n) |
| Wi-Fi Range | Up to 300 ft (100 m) |
| Wi-Fi WLAN Security Settings | WPA- PSK (TKIP) |
| Antenna | Internal |

Global Positioning

| | |
|------------------|----------|
| Type | GNSS |
| External Antenna | Required |

Inputs & Outputs

| | |
|-------------------|---|
| Inputs | 4 |
| Outputs | 1 |
| Configurable I/Os | 5 |

Power

| | |
|---------------|--|
| Input Voltage | 12-24VDC (up to 72VDC with external voltage converter) |
| Consumption | Max. 36 W |

Technical Specifications (cont'd)

Environmental

| | |
|--------------------|----------------------------|
| Temp, operation | -10°C to +55°C |
| Temp, storage | -10°C to +55°C |
| Ingress Protection | IP40 (DVR), IP69K (Camera) |

Certifications

| | |
|-------------------|------------------|
| Communication | FCC, AT&T, PTCRB |
| Electromechanical | CE, E-Mark |
| Sustainability | RoHS |

Data Retention

| | |
|--------|--|
| Memory | Up to 200 hours of video on provided 128GB SD card. Supports up to 256GB SD card. |
| Clock | Real-time |

User Interface

| | |
|---------|---------------------|
| LEDs | 3 |
| Display | Optional 7" display |

Size

| | |
|------------|---|
| Dimensions | 28 mm H x 120 mm W x 90 mm D / 1.1" H x 4.7" W x 3.5" D |
| Weight | 166 g |

Technical Specifications (cont'd)

Installation

| | |
|-------------|--|
| Mounting | Double-sided tape or screwed in using included bracket |
| Connections | Multi-wire splicing |

Camera

| | |
|------------------|---|
| Video resolution | 1080p or 720p |
| Recording speed | Up to 15 FPS |
| Recording type | Continuous and/or Events |
| AV Output | 1 x Audio In (internal/external microphone) / 1 x Video Out; 1 x Audio Out |
| Line of Sight | 145 degrees; 3 to 30 ft distance |

Accessories

Driver Display

Powerfleet (Nasdaq: PWFL; JSE: PWR; TASE: PWFL) is a global leader in the artificial intelligence of things (AIoT) software-as-a-service (SaaS) mobile asset industry. With more than 30 years of experience, Powerfleet unifies business operations through the ingestion, harmonisation, and integration of data, irrespective of source, and delivers actionable insights to help companies save lives, time, and money. Powerfleet's ethos transcends our data ecosystem and commitment to innovation; our people-centric approach empowers our customers to realise impactful and sustained business improvement. The company is headquartered in New Jersey, United States, with offices around the globe. Explore more at www.powerfleet.com.