POWER FLEET

MATERIAL HANDLING TELEMATICS   VIDEO

Digital Video Recorder

Looping DVR with Event-Triggered Video Clips

Description

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 notifications
- 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

Cameras are IP69K waterproof rated

High-quality night recording using IR vision

Designed to **Revolutionize Your Material Handling Operations**

The **Digital Video Recorder** offers a broad array of business-relevant features designed to digitalize and revolutionize 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

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

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; TASE: PWFL) is a global leader of internet of things (IoT) software-as-a-service (SaaS) solutions that optimize the performance of mobile assets and resources to unify business operations. Our data science insights and advanced modular software solutions help drive digital transformation through our customers' and partners' ecosystems to help save lives, time, and money. We help connect companies, enabling customers and their customers to realize more effective strategies and results. Powerfleet's tenured and talented team is at the heart of our approach to partnership and tangible success. The company is headquartered in Woodcliff Lake, New Jersey, with our Pointer Innovation Center (PIC) in Israel and field offices around the globe. For more information, please visit www.powerfleet.com.

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