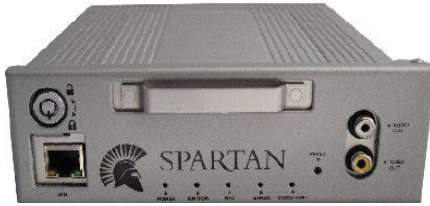


SafeRUS

Mobile DVR's



OVERVIEW

The **Spartan** Mobile Digital Video Recorder (mDVR) is a compact, light-weight, and ruggedized surveillance system, designed for Light-Rail, Transit, and a wide variety of mobile, industrial-grade fleet applications.

The unit is equipped with 4 camera inputs (4 video & 4 audio, including independent line power for each), 8 sensor inputs, and an optional wireless network interface.

Built tough and full of features, the Spartan is a solid and reliable solution for your mobile, remote surveillance, incident response and risk & liability management needs.

mDVR

Spartan

**mobile
digital video
surveillance
system**

KEY FEATURES

- Ruggedized enclosure to protect critical data and maximize system operating life
- Rugged enclosure, heated removable Hard Disk Drive (HDD) provides the highest resistance to shock, vibration, and dust-resistance thanks to having no ventilation fan
- Embedded Linux Operating System with proprietary algorithm for maximum file system reliability and system efficiency. Superior data compression maximizes storage
- Optional external HandsFree™ wireless module for remote access and real time monitoring and labor-saving automatic video retrieval
- Can support total 48fps at 720x480 resolutions
- Daily system health reports to office server (requires HandsFree™ wireless option)
- Supports live interior/exterior views and back-up camera.



SafeRUS Inc. reserves the right to update information contained in this document without prior notice. Please contact us for the most up-to-date information.



Spartan Specifications

FEATURES Specifications

| | |
|--|---|
| Recording Channels (video) | 4 |
| Recording Channels (audio) | 4 |
| In-Dash installed Option | Yes |
| Maximum Recording Video resolution | 720X480 |
| Maximum Recording Frame Rate | Up to 12fps |
| Video Quality settings | 6 |
| Storage Medium | 250GB Removable HDD |
| Recording Capacity (HDD) | 250GB Removable HDD |
| Recording Capacity (SSD) | Optional 64GB/128GB SSD |
| Door Lock to secure the Removable Storage | Yes |
| Auto Overwrite | Yes |
| Auto Retrieve event marked video using USB Memory stick | Yes |
| Network Interface (10/100Base T RJ45) | Yes |
| Wireless upload and system health report | Optional |
| GPS (internal) | No |
| GPS (External) | No |
| Video & Audio out port | Yes, front panel and rear panel |
| Event Marker | Yes, with Status LEDs |
| Locked Event marked video clips | Locked video clips are not written over until removed from DVR, Locked video clips can occupy up to 30% of storage capacity |
| User Interface - Web Browser | Yes |
| Battery Backup - RTC w/10 year life | Yes |
| Delay shut down timer (1 s - 1 hr) | Yes |
| OSD (On Screen Display) | Yes |
| OSD Sensor input names | Yes |
| DVR Name / System Name | Alpha-Numeric |
| Storage Technology | HDD or SSD |
| Removable HDD can be removed when the power is still applied and Vehicle ignition Signal is on | Yes |
| Ventilation FAN | No Fan required |
| Thermal Controlled FAN | No Fan required |
| RTC accuracy (drift less than 10s / yr) | Drift less than 10s per year |
| Sensor Inputs (including Event Marker) | 8 |
| Error Indicators | Yes |
| Transient Protection | Yes |
| Event Marker with system status LEDs | Yes |
| Power Interruption File System Protection | Yes |
| Temperature protection | Yes |
| G-Force Sensors (internal) | No |
| G-Force Sensors (external) | No |
| GPS (External) | No |
| Operating voltage | 8V - 24V |
| Operating Temperature | -30°C to +55°C |
| Dimension | 7.36" X 1.95" X 6.10" |
| Power Requirement (excluding cameras) | 10W |
| Mounting orientation | All |
| Weight | 3.4lbs |
| Mil Spec Rated STD-810F & SAE J1455 for Shock and Vibration | Yes |
| Back-up Camera / Monitor | Optional |
| External WIFI Interface Card(802.11n) | Optional |
| Built in Wi-Fi (802.11g) | No |
| Cellular "Live Look-in" | Optional |

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