Main Features

- Supports 4 ch AHD + 1 ch IPC (12V PoE)
- Modular design for easy maintenance
- Revolutionary anti-vibration technology for 360 degree installation
- Supports 2.5” 2TB hard disk, support SD card for mirror recording
- Dual streams for local recording and wireless transmission
- Internal U-blox GPS for location tracking
- 3G/4G for live view and management
- Internal Wi-Fi for auto downloading
- Built-in inertia sensor

SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Model</th>
<th>SSD5-HD-AHD-MDVR</th>
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<tbody>
<tr>
<td>Video</td>
<td>Input</td>
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<td></td>
<td>Output</td>
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<td></td>
<td>Total Resource</td>
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<tr>
<td>Audio</td>
<td>Input</td>
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<td>Output</td>
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<td>Audio Signal Standard</td>
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<td>System</td>
<td>OS</td>
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<td></td>
<td>Control Mode</td>
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<td>Display</td>
<td>Display Split</td>
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<td>OSD</td>
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<tr>
<td>Recording</td>
<td>Video/Audio Compression</td>
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<td>Audio</td>
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<td>Image Quality</td>
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<td>Recording Mode</td>
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<tr>
<td><strong>acceleration, video loss, temperature</strong></td>
<td><strong>Mirror recording</strong></td>
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<tr>
<td><strong>Pre-recording</strong></td>
<td>0-30 minutes</td>
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<tr>
<td><strong>Post-recording</strong></td>
<td>0-30 minutes</td>
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</table>

**Playback**
- **Playback Channel**: 1 channel by local playback
- **Search Mode**: Date/time, channel, event

**Network**
- **Ethernet**: 100Mbps Ethernet port, aviation connector (RJ45 port optional)
- **WIFI**: Supports 802.11b/g/n (optional)
- **3G/4G**: WCDMA / EVDO / TDD-LTE / FDD-LTE (optional)

**Locating**
- **GPS**: Built in U-blox GPS module (optional). Location tracking, speed detection and time sync.

**Storage**
- **Hard disk**: Supports 2.5" hard disk up to 2TB

**Interface**
- **USB**: USB 2.0
- **SD**: SD x 1, max. 128GB
- **RS232**: RS232 x 1, Support extension to 4 (232 x 2, 485 x 2)
- **Sensor**: 8 inputs, 2 outputs
- **G-sensor**: Built-in 3 axis G-sensor

**Power**
- **Input**: DC 8-36V
- **Output**: 12V@1A, 5V@1A

**Mechanical**
- **Dimension (L x W x H)**: 185mmx190mmx75mm (with mounting brackets)
- **Weight**: 1.8 kg

**Environmental**
- **Protection**: IP54
- **Operating Temperature**: -40°C- +70°C (With heater) or -10°C- +70°C
- **Operating Relative Humidity**: 8%-90%
RFID & GPS BUS Tracking System

MVS- RFID & GPS Tracking Solution has the ability to locate and track children. Through Radio Frequency Identification (RFID) Identification of children and tracking for locating children in predefined areas in school bus. Radio Frequency (RF) – based tracking is for helping parents to keep an eye on their children wherever they are. And with GPS tracking for locating school bus anywhere.

RFID, radio frequency identification is a most promising and growing technology for automatic identification and data capture of moving and non-moving objects.

Features:

- **SMS notification** to the parents upon the boarding/leaving of their kids from school bus. Parents alerts about the **expected time of arrival** of the bus, when the bus starts its journey.
- School authorities alerted in case of **diversion in bus route**.
- Stores **retrievable data**, even if the vehicle goes beyond the network area.
- **Real-time** monitoring of bus.
- **No Manual** maintenance attendance register.
- **Customized** standard reports for school.

Benefits:

- **Track movement** of their child’s school bus from anywhere through Parents App and Notification.
- **Response** time on **emergency situations** becomes easy as the exact location of the school bus is traceable.
- **Unwanted behavior** can be monitored and prevented.
- **Efficiently utilization** of resources.
- **Better accountability** to parents and garner a goodwill.
HOW IT ALL WORKS

01. School bus arrival notification to parents

02. Student boards the school bus

03. Track the student's bus and route

04. Student enters school main gate

05. Notification when student leaves the school and boards the school bus

06. Student reached safely to home

*All DVR specifications, features as well as hardware represented subject to frequent change without notice.