

# Nextiva mDVR

## Intelligent On-Board Recording for a Safer Transit Environment



Verint® Video Intelligence Solutions™ helps transit agencies protect passengers, assets, and staff with intelligent DVRs designed specifically for bus and light rail systems.

Nextiva® mDVR™ Mobile Digital Video Recorders deliver full-motion video from up to 12 analog or digital cameras, with industry-leading system interoperability for enhanced business value. Integration with on-board equipment, such as G-Force sensors, GPS, CAD, and AVL, is designed to generate a more complete understanding of events and operations, and allow video to be captured, retained, and retrieved based on the information these systems provide.

When used with Nextiva Transit Vid-Center™ enterprise DVR viewing and Nextiva Transit Op-Center™ enterprise DVR management, transportation authorities can optimize the management of fleets of buses and trains. Nextiva Transit Vid-Center features an easy-to-use software application to view multiple scenes from a single environment or any number of transit operations, all on a single screen. For enhanced manageability, Nextiva Transit Op-Center can be used to centrally manage mDVR devices on fleets of buses and light rail, including through wireless links.


Built for dependability, long life, and low cost of ownership, Nextiva mDVR is designed to withstand the temperature fluctuations and heavy vibration inherent in mobile operations and features an innovative, spring-cushioned, mobile disk housing to absorb shock and prevent disk damage. Automatic system health monitoring and problem notification help streamline management and promote more reliable and effective on-board video surveillance.

An embedded Linux operating platform provides highly secure and reliable operation. TCP/IP and other interfaces facilitate communication with other on-board equipment without expensive customization.

Verint also offers an SDK to help customers integrate the mDVR with other systems and applications.

## At A Glance

- Robust and dependable design to withstand harsh environments
- Full-motion video from up to 12 analog or digital cameras
- Interoperable with Vehicle Area Networks and on-board information systems, including CAD, AVL, GPS, and G-Force sensors
- Automated health checking for more efficient management of large fleets of vehicles, even through wireless links
- Video management application to help in review and investigation management

 Nextiva helps transit agencies create a safer transportation environment, reduce vandalism and false claims, and operate more effectively.

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VIDEO INTELLIGENCE SOLUTIONS™

# Nextiva mDVR Solution

| For Buses and Light Rail   | mDVR-6S       | mDVR-12S      |
|--|---------------|---------------|
| <b>Resolution</b><br>• 352H x 240V to 704H x 480V NTSC / 352H x 288V to 704H x 576V PAL  | •             | •             |
| <b>Compression</b><br>• MPEG-4 based, SM4 codec  | •             | •             |
| <b>Programmable Frame Rate (Full Motion)</b><br>• 180 fps NTSC/PAL<br><br>• 360 fps NTSC/PAL                                       | •             |               |
|  |               | •             |
| <b>Power Supply</b><br>• 12-48V DC (unit consumption 75W max)  | •             | •             |
| <b>Power Output</b><br>• 1 x 12V DC max. 1.5 A<br><br>• 2 x 12V DC max. 1.5 (3A)   | •             |               |
|  |               | •             |
| <b>Video Input</b>   | 6 BNC         | 12 BNC        |
| <b>Video Output</b>  | 1 BNC         | 2 BNC         |
| <b>Audio Input</b> (-46 to -3dBV, 20 kohms)  | 2             | 2             |
| <b>Contact Input</b> (12V DC or 24V DC signals)  | 6             | 12            |
| <b>Hard Drive</b><br>• Removable hard drive  | •             | •             |
| <b>Interfaces</b><br>• GPS, RS-422, RS-232<br>• Ethernet 10/100Mbit  | •             | •             |
|  | •             | •             |
| <b>Playback, Configuration, and HealthCheck Software</b><br>• Nextiva Transit Vid-Center and Nextiva Transit Op-Center             | •             | •             |
| <b>Operating Temperature</b><br>• In operation<br><br>• In recording mode  | -4° to +113°F | -4° to +113°F |
|  | 23° to +113°F | 23° to +113°F |
| <b>Cooling</b>   | Passive       | Passive       |
| <b>Mounting</b>  | Adapter       | Adapter       |
| <b>Housing</b> (W x H x D), including mounting and connectors<br>• 13.78 x 2.52Hx 11.77 inches (350 x 64 x 299 mm) without adaptor | •             | •             |
| <b>Weight</b> (Kg / Lb, including hard drive)  | 3.8 / 8.3     | 3.8 / 8.3     |
| <b>EMC*</b><br>• CE mark (2004/108/EC), EN61000, EN50121-3-2 (EN50155)<br><br>• E-mark (2006/28/EC)                                | •             | •             |
|  | •             | •             |
| <b>Shock and Vibration*</b><br>• MIL STD-810F 514, EN61373 (EN50155)   | •             | •             |

\* Contact your Verint representative for final specifications and/or information on standards.

## About Verint Video Intelligence Solutions

Verint Video Intelligence Solutions is the worldwide leader in networked video, a “single source” for virtually every facet of video surveillance operations: from cameras, encoders, and intelligent DVRs to video management, viewing, and analytics software.

## Verint. Powering Actionable Intelligence.®

Verint Systems Inc. is a leading provider of Actionable Intelligence solutions for an optimized enterprise and a safer world. More than 10,000 organizations in over 150 countries rely on Verint solutions to perform more effectively, build competitive advantage, and enhance the security of people, facilities, and infrastructure.

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POWERING ACTIONABLE INTELLIGENCE®

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