Ultra-High Availability NVR for mid-sized projects

The Aimetis R2032 Network Video Recorder offers a powerful hardware package configured with enterprise class hardware features and high storage capacity. Preloaded with Aimetis Symphony™ 7 video management software (VMS), the R2032 is equipped with hot-plug redundant power supplies and 32TB usable recording capacity in a RAID-6 array.

Available in two configurations, the R2032 is ideal for customers looking for a validated, turnkey solution with an open platform VMS that supports a wide range of IP cameras and encoders. A single CPU version is optimized for projects requiring basic recording capabilities for up to 64 cameras while the dual CPU model provides additional processing power needed for server-based analytics.

All Aimetis R-Series recorders includes three years of hardware support, including next business day on-site hardware replacement service.

Key Benefits

- **Ease of Installation and Extensive Support**
  The appliance comes preconfigured with all of the necessary software and licensing to minimize installation time. Based on validated hardware components, and bundled with three years of comprehensive hardware and software support, the R2032 can be deployed and maintained worry free.

- **Increased Availability**
  Redundant, hot-swap components improve NVR uptime. Continuous monitoring of key system elements, performance metrics, and health indicators provides advance notice of potential issues. System events are visible directly in the Symphony Client and optionally available through Aimetis Enterprise Manager™. When required, Aimetis will perform remote diagnostics and dispatch a technician to the site.

- **Broad Ecosystem Support**
  The Aimetis R2032’s capabilities can be extended through additional Aimetis products and services. Aimetis embedded analytics software is fully supported in addition to the pre-loaded server-based analytics, enabling a broad range of deployment scenarios. The Aimetis Thin Client™ also offers a secure and convenient video viewing option in space constrained environments. Finally, Aimetis Enterprise Manager provides centralized cloud based monitoring and administration needed in multi-site deployments.

- **Analytics Ready**
  With its dual CPU configuration, the R2032-48A delivers high performance computing required by server-based analytics applications. Preloaded with four Core Analytics Pack licenses, the system is optimized for a myriad of indoor and outdoor video detection applications out-of-the-box. Additional analytics licenses can be added as needed.

- **Open, Fully Featured Video Management Software**
  Aimetis Symphony 7 is an innovative, open video platform for video management, video analytics, system integration, and alarm management. Symphony 7 offers a feature-rich, easy-to-use interface and incorporates IT-friendly features to make administration and remote health monitoring simple and scalable.

### Key Features

- Preloaded with Aimetis Symphony 7 Standard edition video management software
- Preloaded with versatile Symphony Core Analytics Pack software (R2032-48A)
- Dual SSD (RAID-1) for Operating System and Symphony application
- 6x 8TB hot-swappable hard drives in RAID-6 configuration (32TB usable)
- Hot-swappable redundant power supplies
- Support for server-based and embedded video analytics
- Support for a wide range of IP cameras, encoders and IP intercoms
- Viewing options include Windows client, web and iOS/Android devices
- Bundled with three-years of comprehensive technical services
R2032 Network Video Recorder

R2032 Specifications

| Model           | Form Factor   | CPU                | RAM    | Boot Drive       | Video Storage | VMS Preloaded                   | Base VMS Licenses | Base Analytics Licenses | ONVIF | Storage Subsystem | Disk Type     | Ethernet | Network Protocols | Power Supply | Extended Storage | USB | Operating Temperature | Dimensions | Weight | Input Voltage | Compliance | Mounting Kit | Warranty | Part Number | AIM-2032-48 | AIM-2032-48A |
|-----------------|---------------|--------------------|--------|------------------|---------------|---------------------------------|-------------------|-------------------------|-------|-------------------|--------------|-----------|-------------------|--------------|------------------|-----|------------------|-------------|---------|--------------|------------|--------------|----------|------------|------------|------------|-----------|
| R2032-48        | 2U Rack Server| Intel® Xeon® E5-2620 V4 2.1GHz | 16GB   | Mirrored SSD with Windows 10 IoT Enterprise | 6x 8TB (32TB Usable) | Aimetis Symphony™ Standard Edition | 48*               | n/a                      | ONVIF | RAID-6            | Hot-Plug SATA | 4x 1GbE | SNMP, SMTP        | Redundant Hot-Plug 750W | Additional 8TB SATA HDD | 4 | 10°C To 35°C (50°F To 95°F) | 444.0 x 684.0 x 87.3 mm / 17.480 x 26.92 x 3.437 in | n/a | 50/60 Hz 100–240 V AC, Autoranging | CE, FCC, RoHs | ReadyRail Kit Provided | Hardware: 3 Years NBD On-site | AIM-R2032-48 | AIM-R2032-48A |
| R2032-48A       |               | 2x Intel® Xeon® E5-2620 V4 2.1GHz |        |                  |               |                                 |                   | 4* Core Analytics Packs |       |               |             |           |                   |              | (AIM-R8TB)        |     |                  |             |          |              |            |              |           |            |

* Additional licenses sold separately

Aimetis Symphony 7 Standard Edition (32 Licenses Included)

Core Features
- Unlimited client connections
- Web and Mobile Clients
- 2-way Audio
- Unicast, Multicast, & Multistream
- MJPEG / MPEG-4 / H.264
- Device Pack Updates
- Record Locally or to Network Storage
- Record on Schedule, Alarm, & Continuous
- Automatic Software Updates
- Multilingual
- Customizable User Access Level

Symphony Core Analytics Pack Contents
(4 Licenses Included with R2032-48A)

<table>
<thead>
<tr>
<th>Analytics Engine</th>
<th>Name</th>
</tr>
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<tbody>
<tr>
<td>VE141</td>
<td>Camera Tampering</td>
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<tr>
<td>VE140</td>
<td>Signal Loss</td>
</tr>
<tr>
<td>VE180</td>
<td>Indoor People Tracking</td>
</tr>
<tr>
<td>VE180</td>
<td>Outdoor People and Vehicle Tracking</td>
</tr>
<tr>
<td>PT091</td>
<td>Auto-Pan Tilt Zoom (PTZ)</td>
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<tr>
<td>VE352</td>
<td>Left Item Detection</td>
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<tr>
<td>VE190</td>
<td>Crowd Detection</td>
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</tbody>
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Technical Services (Three Years, Included)

- Access to certified hardware and software experts
- Remote system monitoring and diagnostics
- Operating System support
- Aimetis Symphony software support
- Aimetis Symphony software upgrades
- Cloud based Symphony configuration backups
- NBD on-site parts and labor response after remote diagnostics

Ordering Information

Add-on Software Licenses

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Symphony Standard edition camera license</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIM-SYM7-S</td>
<td>Symphony Core Analytics Pack license</td>
</tr>
<tr>
<td>AIM-SYM7-VA-10</td>
<td>Aimetis Enterprise Manager</td>
</tr>
<tr>
<td>AIM-SYM7-VA-12</td>
<td>AEM is available as a SaaS subscription on a 1-5 year term</td>
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Symphony Edition Upgrades

- Professional (per camera) SYM-SV-PU-1
- Enterprise (per camera) SYM-SV-EU-1

Video Analytics Licenses

- Automatic License Plate Recognition (up to 4 cameras) AIM-SYM7-VA-12
- Face Recognition AIM-SYM7-VA-14

Optional Accessories

- Aimetis Thin Client™ AIM-A10D
- Aimetis Operator Station AIM-R001, AIM-R002
- 8TB Hot-Plug Hard Drive for R-Series NVRs AIM-R8TB
- Dual Port 10GbE NIC for R-Series NVRs AIM-R10GE

- 1. 2x 2.5" SSD for OS (RAID-1) | 2. 6x 8TB SATA Hot-Plug HDD (RAID-6, 32TB Usable) | 3. 6x Available Drive Bays | 4. 4x 1GbE | 5. Management Module | 6. 2x Redundant Hot-Plug Power Supplies

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