






### Server/Storage Appliance Configurations

CPU & Memory	Features	Storage Capacity & IP Connectivity	Form Factor
<b>VA110/VA110tr</b> <ul style="list-style-type: none"> <li>Intel® Core™ 2 Quad 3.0GHz</li> <li>6-8GB RAM</li> </ul> 	<ul style="list-style-type: none"> <li>Internal OS/application offload disk</li> <li>Compact design rack mount or low noise pedestal</li> <li>Rack 300W, pedestal 465W, 100-240V, 5 Amp power supply</li> <li>Rack 1 VGA, pedestal 1 VGA /DVI /HDMI</li> </ul>	<ul style="list-style-type: none"> <li>2, 4 or 8TB raw capacity of hot-swap SATA-II disks</li> <li>RAID 5 data protection</li> <li>Optionally add 1 VA Expander</li> <li>2 1GbE ports standard (1 IP network), pedestal can add Multi-Network Support Option for 1-3 networks (4 1GbE ports)</li> </ul>	<ul style="list-style-type: none"> <li>1U rack mount, 1.7"/43mm high, 17.2"/437mm wide, 19.8"/503mm deep</li> <li>Compact mini-tower pedestal, 16.8"/427mm high, 7"/178mm width, 20.9"/531mm depth</li> </ul>
<b>VA210</b> <ul style="list-style-type: none"> <li>1 or 2 Intel® Quad-Core™ Xeon® 2.33GHz</li> <li>6-12GB RAM</li> </ul> 	<ul style="list-style-type: none"> <li>Dual, mirrored internal OS/application offload disks</li> <li>Compact rack mount</li> <li>Dual, redundant hot-swap 650W, 100-240V, 8-4 Amp power supplies</li> <li>1 VGA standard, or upgrade to 1 DVI/HDMI with Advanced Viewing Option</li> </ul>	<ul style="list-style-type: none"> <li>2, 4 or 8TB raw capacity of hot-swap SATA-II disks</li> <li>RAID 5 data protection</li> <li>Optionally add 1-3 VA Expanders</li> <li>2 or 4 1GbE ports (1 or 3 IP networks) with Multi-Network Support Option</li> </ul>	<ul style="list-style-type: none"> <li>1U rack mount, 1.7"/43mm high, 17.2"/437mm width, 25.5"/648mm depth</li> </ul>
<b>VA320</b> <ul style="list-style-type: none"> <li>1 or 2 Intel® Quad-Core Xeon® 5600 Series 2.4GHz</li> <li>6-24GB RAM</li> </ul> 	<ul style="list-style-type: none"> <li>Dual, mirrored internal OS/application offload disks</li> <li>Compact rack mount</li> <li>Dual, redundant hot-swap 800W, 100-240V, 5 Amp power supplies</li> <li>1 VGA standard, or upgrade to 1 DVI/HDMI with Advanced Viewing Option</li> </ul>	<ul style="list-style-type: none"> <li>6, 12 or 24TB raw capacity of hotswap SATA-II disks</li> <li>RAID 6 data protection</li> <li>Optionally add 1-3 VA Expanders</li> <li>2 or 3 1GbE or 2 1GbE &amp; 1 10GbE ports with Multi-Network Support Option</li> </ul>	<ul style="list-style-type: none"> <li>2U rack mount, 3.9"/89mm high, 17.2"/437mm width, 25.5"/648mm depth</li> </ul> 
<b>VA Expander</b> 	<ul style="list-style-type: none"> <li>Dual redundant, hot-swap 800W, 100-240V, 5 Amp power supplies</li> </ul>	<ul style="list-style-type: none"> <li>6, 12 or 24TB raw capacity of hotswap SATA-II disks</li> <li>RAID 6 data protection</li> </ul>	<ul style="list-style-type: none"> <li>2U rack mount, 3.9"/89mm high, 17.2"/437mm width, 25.5"/648mm depth</li> <li>Optional desk side rack kit</li> </ul>

### Preloaded Video Surveillance, Access Control & Video Analytics Choices

### Operating System Choices




Each application mode supports 1 choice of industry leading video management system, access control or video analytics software, jointly tested & certified by the application vendor and the Intransa Technology Labs. Mix & match application software on a single appliance with Intransa Multi-Mode technology. Duo-Mode VA110, VA110tr, VA210 & VA320: support 1 application mode plus VSA GUI Server/Storage mode. Tri-Mode VA110, VA110tr, VA210 & VA320 support 2 app modes. Flex-Mode VA320 supports 3, 4 or more app modes. Multiple standard IP, megapixel, H.264 and HD cameras as well as access readers & other hardware have also been certified for use with Intransa VideoAppliance™ by the Intransa Technology Labs & the device manufacturer.

Each Intransa VideoAppliance™ Server/Storage Appliance comes with **Microsoft Windows 7** standard. Upgrades are selectable for **Microsoft Server 2003 R2 Standard** or **Microsoft Server 2008 R2** at time of initial order.



# Intrinsa VideoAppliance™

## Maximum Simplicity Quick Reference

VA110, VA210 & VA320 Performance								
Appliance	Multi-Mode Support	MJPEG @ 4CIF @ 30fps	MPEG4 @ 4CIF @ 30fps	H.264 @ 4CIF @ 30fps	H.264 @ 720P @ 30fps	H.264 @ 1080P @ 30fps	H.264 @ 3MP @ 15fps	H.264 @ 5MP @ 9fps
 VA110/VA110tr	Duo-Mode	1-20	1-64	1-64	1-16	1-14	1-12	1-10
	Duo-Mode	1-30	1-92	1-92	1-28	1-26	1-24	1-20
 VA210	Tri-Mode	1-18	1-28	1-40	1-33	1-16	1-12	1-6
	Tri-Mode	1-28	1-56	1-64	1-53	1-26	1-19	1-10
 VA320	Duo-Mode	1-20	1-60	1-56	1-46	1-23	1-24	1-15
	Tri/Mode	1-32	1-112	1-120	1-100	1-50	1-38	1-27

Typical IP camera performance by Maximum Simplicity Server/Storage Appliance model. All performance numbers are calculated in recording-only mode.

Live viewing can typically consume up to 50% of server resources (including those of Intrinsa Server/Storage Appliances), effectively reducing the number of cameras or resolution & frame rate that can be simultaneously used & supported. Therefore, the number of cameras supported while live viewing is enabled may be reduced by as much as 50% in any server or Server/Storage Appliance. Live viewing is not supported on VA110 rack mount models.

Actual video throughput may vary based upon video surveillance software (VMS), Windows operating system (OS), & the selected cameras & their settings. For simplicity, digital watermarking, encryption & motion activation are not included in these guideline calculations.

Consult the Intrinsa VideoAppliance™ online configuration tools for more detailed performance expectations & model recommendations based upon your specific camera deployment requirements. They are available at <http://www.intrinsa.com/resources/config-tools.php>.

- Detailed specifications can be downloaded at <http://www.intrinsa.com/technology/archequip-spec.php>.

### Award Winning Solutions to Physical Security Needs

We're very pleased that the Intrinsa VideoAppliance™ family is both customer-proven around the world & the recipient of numerous awards from leading publications, industry associations & trade shows. Altogether, the message is the same: **Intrinsa VideoAppliance™ is the smart choice for video surveillance.**

