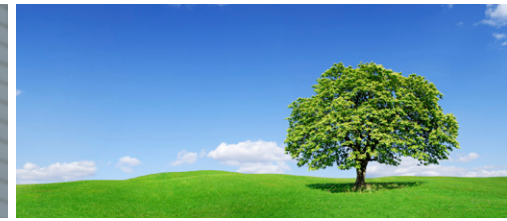




# Intransa Quick Reference Product Guide



## Maximum Simplicity

- Server/Storage Appliances
- Support for 1 – 72 IP Cameras
- Duo- & Tri-Mode Capability
- 2 – 80TB Recording/ Playback Capacity



VA80tr Server/Storage Appliance



VA110tr Server/Storage Appliance & 1 VA Expander



VA210 Server/Storage Appliance & 1-3 VA Expanders



## Maximum Flexibility

- Server Appliances & Storage Appliances
- Support for 1 – 10,000 IP Cameras
- 2 – 80TB Recording/ Playback Capacity



VA10 Server Appliance



VA20 Server Appliance



VA30 Server Appliance



VA100st Storage Appliance & 1 VA Expander



VA200st Storage Appliance & 1-3 VA Expander



## Maximum Choice

Security Workstations & Servers



WS01 Workstation



WS04 Workstation



SR840 Server



SR850 Server



SR860 Server

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# Maximum Simplicity

Performance may vary based upon VMS selected, camera settings, local viewing, & other choices. Assumes recording only mode for VA80tr, VA110tr Duo-Mode, VA210 Duo- and Tri-Mode. Assumes recording and live viewing modes for VA110tr Tri-Mode. No watermarking, encryption, compression or motion activation. See Tech Specifications for more detail.

## VA80tr Duo-Mode Server/Storage Appliance

- Intel® Core™ 2 Quad 2.66GHz CPU, 4GB RAM
- 2TB base (4TB raw, 2TB usable capacity) with RAID 1
- MJPEG @ 4CIF @ 30fps 30KBytes Frame Size: 1-10 typical IP cameras
- MPEG4 @ 4CIF @ 2,000Kbits/s Bit Rate: 1-12 typical IP cameras
- H.264 @ 4CIF @ 1,600Kbits/s Bit Rate: 1-12 typical IP cameras
- Standard or protected config, which includes hot-swap drives

## VA110tr Duo-Mode Server/Storage Appliance

- Intel® Core™ 2 Quad 2.66GHz CPU, 6-8GB RAM
- 2, 4 or 8TB base (1.5, 3 or 6TB usable) with RAID 5
- Supports 1 VA Expander for additional capacity with RAID 5, 6
- MJPEG @ 4CIF @ 30fps 30KBytes Frame Size: 1-20 typical IP cameras
- MPEG4 @ 4CIF @ 2,000Kbits/s Bit Rate: 1-32 typical IP cameras
- H.264 @ 4CIF @ 1,600Kbits/s Bit Rate: 1-36 typical IP cameras
- Standard config with hot-swap drives

## VA110tr Tri-Mode Server/Storage Appliance

- Intel® Core™ 2 Quad 2.66GHz CPU, 8GB RAM
- 2, 4 or 8TB base (1.5, 3 or 6TB usable) with RAID 5
- Supports 1 VA Expander for additional capacity with RAID 5, 6
- MJPEG @ 4CIF @ 30fps 30KBytes Frame Size: 1-16 typical IP cameras recording, 1-16 viewing
- MPEG4 @ 4CIF @ 2,000Kbits/s Bit Rate: 1-24 typical IP cameras recording, 1-16 viewing
- H.264 @ 4CIF @ 1,600Kbits/s Bit Rate: 1-32 typical IP cameras recording, 1-16 viewing
- Standard config with hot-swap drives

## VA210 Duo-Mode Server/Storage Appliance

- Intel® Quad-Core Xeon® 2.33GHz CPU, 6-8GB RAM
- 2, 4 or 8TB base (1.5, 3 or 6TB usable) with RAID 5
- Supports 1-3 VA Expanders for additional capacity with RAID 5, 6
- MJPEG @ 4CIF @ 30fps 30KBytes Frame Size: 1-20 typical IP cameras
- MPEG4 @ 4CIF @ 2,000Kbits/s Bit Rate: 1-32 typical IP cameras
- H.264 @ 4CIF @ 1,600Kbits/s Bit Rate: 1-36 typical IP cameras
- Fault resilient configs with dual, redundant power & internal OS drives, & hot-swap data drives

## VA210 Tri-Mode Server/Storage Appliance

- (2) Intel® Quad-Core Xeon® 2.33GHz CPUs, 8-12GB RAM
- 2, 4 or 8TB base (1.5, 3 or 6TB usable) with RAID 5
- Supports 1-3 VA Expanders for additional capacity with RAID 5, 6
- MJPEG @ 4CIF @ 30fps 30KBytes Frame Size: 1-40 typical IP cameras
- MPEG4 @ 4CIF @ 2,000Kbits/s Bit Rate: 1-64 typical IP cameras
- H.264 @ 4CIF @ 1,600Kbits/s Bit Rate: 1-72 typical IP cameras
- Fault resilient configs with dual, redundant power & internal OS drives, & hot-swap data drives

# Maximum Flexibility

Performance may vary based upon VMS selected, camera settings, local viewing, & other choices. Assumes recording only mode, without watermarking, encryption, compression or motion activation. VA10 is calculated integrated with VA100st Storage Server base. VA20 & VA30 are calculated with VA100st Storage Server base & 1 VA Expander. See Tech Specifications for more detail.

## VA10 Server Appliance

- Intel® Core™ 2 Duo 3.0GHz CPU, 2-4GB RAM
- MJPEG @ 4CIF @ 30fps 30KBytes Frame Size: 1-16 typical IP cameras/MPEG4 @ 4CIF @ 2,000Kbits/s Bit Rate: 1-24 typical IP cameras/H.264 @ 4CIF @ 1,600Kbits/s Bit Rate: 1-32 typical IP cameras

## VA20 Server Appliance

- Intel® Quad-Core Xeon® 2.33GHz CPU, 4-12GB RAM
- Fault resilient config with dual, redundant power & internal OS drives
- MJPEG @ 4CIF @ 30fps 30KBytes Frame Size: 1-32 typical IP cameras/MPEG4 @ 4CIF @ 2,000Kbits/s Bit Rate: 1-64 typical IP cameras/H.264 @ 4CIF @ 1,600Kbits/s Bit Rate: 1-72 typical IP cameras

## VA20-3 Server Appliance

- Intel® Quad-Core Xeon® 3.0GHz CPU, 4-12GB RAM
- Fault resilient config with dual, redundant power & internal OS drives
- MJPEG @ 4CIF @ 30fps 30KBytes Frame Size: 1-32 typical IP cameras/MPEG4 @ 4CIF @ 2,000Kbits/s Bit Rate: 1-64 typical IP cameras/H.264 @ 4CIF @ 1,600Kbits/s Bit Rate: 1-72 typical IP camerast

## VA30 Server Appliance

- (2) Intel® Quad-Core Xeon® 2.33GHz CPUs, 4-12GB RAM
- Fault resilient config with dual, redundant power & internal OS drives
- MJPEG @ 4CIF @ 30fps 30KBytes Frame Size: 1-48 typical IP cameras/MPEG4 @ 4CIF @ 2,000Kbits/s Bit Rate: 1-80 typical IP cameras/H.264 @ 4CIF @ 1,600Kbits/s Bit Rate: 1-96 typical IP cameras

## VA30-3 Server Appliance

- (2) Intel® Quad-Core Xeon® 3.0GHz CPUs, 4-12GB RAM
- Fault resilient config with dual, redundant power & internal OS
- MJPEG @ 4CIF @ 30fps 30KBytes Frame Size: 1-64 typical IP cameras / MPEG4 @ 4CIF @ 2,000Kbits/s Bit Rate: 1-96 typical IP cameras / H.264 @ 4CIF @ 1,600Kbits/s Bit Rate: 1-128 typical IP cameras

## VA100st Storage Appliance

- 2, 4 or 8TB base (1.5, 3 or 6TB usable with RAID 5)
- Supports 1 VA Expander for additional capacity with RAID 5, 6
- Standard config with hot-swap drives

## VA200st Storage Appliance

- 2, 4 or 8TB base (1.5, 3 or 6TB usable with RAID 5)
- Supports 1-3 VA Expanders for additional capacity with RAID 5, 6
- Fault resilient config with hot-swap drives & dual, redundant power supplies

# Maximum Choice

## SR840 Servers

- Intel® Core™ 2 Duo 3.0GHz CPU, 4-8GB RAM
- Standard config

## SR850 Servers

- Intel® Quad-Core Xeon® 2.33GHz CPU, 4-12GB RAM
- Fault resilient config with dual, redundant power
- 2, 4, or 8TB base (1.5, 3 or 6TB usable) with RAID 5

## SR850-3 Servers

- Intel® Quad-Core Xeon® 3.0 GHz CPU, 4-12GB RAM
- Fault resilient config with dual, redundant power
- 2, 4, or 8TB base (1.5, 3 or 6TB usable) with RAID 5

## SR860 Servers

- (2) Intel® Quad-Core Xeon® 2.33GHz CPUs, 4-12GB RAM
- Fault resilient config with dual, redundant power
- 2, 4, or 8TB base (1.5, 3 or 6TB usable) with RAID 5

## SR860-3 Servers

- (2) Intel® Quad-Core Xeon® 3.0 GHz CPUs, 4-12GB RAM
- Fault resilient config with dual, redundant power
- 2, 4, or 8TB base (1.5, 3 or 6TB usable) with RAID 5

## WS01 Workstation

- Intel® Core™ 2 Quad 2.66GHz CPU, 4GB RAM
- 1 DVI, 1 VGA, 1 HDMI port
- Optional CD/DVD R/W drive
- 500GB internal drive
- Standard config with keyboard & mouse

## WS04 Workstation

- Intel® Quad-Core Xeon® 3.0GHz CPU, 4GB RAM
- 4 DVI/HDMI
- Optional CD/DVD R/W drive
- 500GB internal drive
- Standard config with keyboard & mouse

# VA Expander

- VA110tr Server/Storage Appliances & VA100st Storage Appliances can add 1 VA Expander Rack Mount (optional desk side rack for use with VA110tr)
- VA210 Server/Storage Appliances & VA200st Storage Appliances can add 1-3 VA Expander Rack Mounts
- 6, 12 or 24TB capacity (5.5, 11 or 22TB usable with RAID 5, 5, 10 or 20TB usable with RAID 6)
- Fault resilient config with hot-swap drives & dual power

# Accessories

- 19" widescreen TFT active matrix LCD display monitor, 1440x900 resolution
- External CD/DVD R/W drive option
- PS2 keyboard & mouse
- See Convenience Items price list for additional accessory options

# VMS Options

- Pre-loaded media kits provide video management systems (VMS) for quick install for VA10, VA20, VA30 Server Appliances & VA80tr, VA110tr, VA210 Server/Storage Appliances
- VMS client software pre-loaded media kits available for WS01 & WS04 Workstations