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Addendum #1
Bid # 20-6601
ISD709 Video Security Equipment

This addendum serves to notify all bidders of the following changes to the solicitation documents:

1. There is an incorrect part number listed for the Rack Servers. The correct Panasonic part number is NVR-R-2-140TB-V2.

2. Any proposed product substitutions (requests for approved equal) must include and fully support Panasonic's Video Insight Management software licenses.

3. Specifications for the Panasonic NVR tower and rack servers are attached.

4. Question received – "You have 84 hard drives requested, but you only have 4 rack servers requested. Each rack server already has 8 drives so you would have extra that can't be used. How is this being configured?"

> Answer – These drives will be used to replace/upgrade hard drives in 16 existing Panasonic NVR systems. The 16 licenses requested as item b are needed to allow Panasonic Video Insight to be used with our 16 existing Panasonic NVR systems.

Please acknowledge receipt of this Addendum by initialing and dating Addendum **#1** below the bid form on the invitation for bids.

Posted: **10/13/2020**

⠿ i·PRO

TOWER- NVR | ST1 | NVR-T-1 (2TB - 16TB)

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-T-1-2TB-V2	2TB (1 x 2TB)	2TB	16GB	Single	Single
NVR-T-1-4TB-V2	4TB (1 x 4TB)	4TB	16GB	Single	Single
NVR-T-1-6TB-V2	6TB (1 x 6TB)	6TB	16GB	Single	Single
NVR-T-1-8TB-V2	8TB (1 x 8TB)	8TB	16GB	Single	Single
NVR-T-1-10TB-V2	10TB (1 x 10TB)	10TB	16GB	Single	Single
NVR-T-1-12TB-V2	12TB (1 x 12TB)	12TB	16GB	Single	Single
NVR-T-1-14TB-V2	14TB (1 x 14TB)	14TB	16GB	Single	Single
NVR-T-1-16TB-V2	16TB (1 x 16TB)	16TB	16GB	Single	Single

- To meet total storage, individual HDD size and quantity may be subject to change.
- Total usable storage is calculated based on advertised HDD size, not OS recognition.
- Usable storage size may vary slightly.
- Performance for multi-monitor use depends on camera codec, resolution, FPS, and network.

PRELOADED NETWORK VIDEO RECORDER – TOWER SERVER

- VI Server License Included
- VI Software Installed And Activated
- Fully Configured And Tested
- Unlimited Software Updates For Installed Video Insight Software Licenses
- The "Plug & Play" NVR Is Ready for Out-Of-The-Box Deployment
- Standard Dell® 3-Year Service Warranty (After Remote Diagnosis By i-PRO Support Team)
- Recommended Use Case | 150-250Mbs Recording Rate Performance | 1Gbs Network

SERVER SPECIFICATIONS

PROCESSOR
9th Gen Intel Hex Core / Hex Threads

MEMORY
16GB

I/O SLOTS
One PCIe 3.0 x 16 Slot
(Full Height, Half Length)

OPTICAL DRIVE
No

DRIVE BAY
3 x 3.5" Drive

IDRAC
iDRAC9, Basic

EMBEDDED NIC
1 x 1GBE

POWER SUPPLY
465W Power Supply

SECURITY
On-board Encryption | TPM

OPERATING SYSTEM
Windows 10 Pro

ACCESSORIES
Keyboard and Mouse

GRAPHICS CARD
Intel Onboard Graphics

VIDEO OUTPUT
2 X DP

WEIGHT
21 lbs.

DIMENSIONS
Tower: (H) 13.19", (W) 6.95", (D)13.58"

HDD BAYS USED VS OPEN
2X Used | 1X Open
OS on (1TB) 3.5" Drive

WARRANTY
Standard Dell® 3-Year Service Warranty (After Remote Diagnosis By i-PRO Support Team)

MONITOR
Not Included

- Rear drives - If unit supported, are special order and will require extra configuration time.
- Dell warranty will not cover issues arising from non-Dell parts, including third-party drives.
- No returns accepted after 30 days from invoice date.
- Recommended use case based on overall system throughput.

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⠿ i·PRO

TOWER- NVR | ST2 | NVR-DT (6TB - 48TB)

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-DT-6TB	6TB (3 x 2TB)	4TB	16GB	Single	Single
NVR-DT-12TB	12TB (3 x 4TB)	8TB	16GB	Single	Single
NVR-DT-18TB	18TB (3 x 6TB)	12TB	16GB	Single	Single
NVR-DT-24TB	24TB (3 x 8TB)	16TB	16GB	Single	Single
NVR-DT-30TB	30TB (3 x 10TB)	20TB	16GB	Single	Single
NVR-DT-36TB	36TB (3 x 12TB)	24TB	16GB	Single	Single
NVR-DT-42TB	42TB (3 x 14TB)	28TB	16GB	Single	Single
NVR-DT-48TB	48TB (3 x 16TB)	32TB	16GB	Single	Single

- To meet total storage, individual HDD size and quantity may be subject to change.
- Total usable storage is calculated based on advertised HDD size, not OS recognition.
- Usable storage size may vary slightly.
- Performance for multi-monitor use depends on camera codec, resolution, FPS, and network.

PRELOADED NETWORK VIDEO RECORDER – TOWER SERVER

- VI Server License Included
- VI Software Installed And Activated
- Fully Configured And Tested
- Unlimited Software Updates For Installed Video Insight Software Licenses
- The "Plug & Play" NVR Is Ready for Out-Of-The-Box Deployment
- Standard Dell® 3-Year Service Warranty (After Remote Diagnosis By i-PRO Support Team)
- Recommended Use Case | 150-250Mbs Recording Rate Performance | 1Gbs Network

SERVER SPECIFICATIONS

PROCESSOR
Intel Xeon E-Series Hex Core / Hex Threads

MEMORY
16GB

I/O SLOTS
One PCIe 3.0 x 16 Slot (Full Height, Half Length)

OPTICAL DRIVE
No

DRIVE BAY
4 x 3.5" Drive

RAID LEVEL
Raid5 (Perc H330)

IDRAC
iDRAC9, Basic

EMBEDDED NIC
1GBE Dual Port

POWER SUPPLY
365W Power Supply

SECURITY
On-board Encryption | TPM

OPERATING SYSTEM
Windows 10 Pro

ACCESSORIES
Keyboard and Mouse

GRAPHICS CARD
Nvidia GT1030

VIDEO OUTPUT
1x DVI-D 1x HDMI

WEIGHT
27 lbs.

DIMENSIONS
Tower: (H) 14.17", (W) 6.89", (D) 17.9"

HDD BAYS USED VS OPEN
4X Used | 0X Open
OS on (1TB) 3.5" Drive

WARRANTY
Standard Dell® 3-Year Service Warranty (After Remote Diagnosis By i-PRO Support Team)

MONITOR
Not Included

- Rear drives - If unit supported, are special order and will require extra configuration time.
- Dell warranty will not cover issues arising from non-Dell parts, including third-party drives.
- No returns accepted after 30 days from invoice date.
- Recommended use case based on overall system throughput.

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TOWER- NVR | ST3E | NVR-T-2 (24TB - 224TB)

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-T-2-24TB-V2	24TB (3 x 8TB)	16TB	32GB	Dual	Dual
NVR-T-2-40TB-V2	40TB (5 x 8TB)	32TB	32GB	Dual	Dual
NVR-T-2-48TB-V2	48TB (6 x 8TB)	40TB	32GB	Dual	Dual
NVR-T-2-64TB-V2	64TB (8 x 8TB)	56TB	32GB	Dual	Dual
NVR-T-2-80TB-V2	80TB (10 x 8TB)	70TB	32GB	Dual	Dual
NVR-T-2-96TB-V2	96TB (12 x 8TB)	88TB	32GB	Dual	Dual
NVR-T-2-112TB-V2	112TB (14 x 8TB)	104TB	32GB	Dual	Dual
NVR-T-2-128TB-V2	128TB (16 x 8TB)	120TB	32GB	Dual	Dual
NVR-T-2-140TB-V2	140TB (10 x 14TB)	126TB	32GB	Dual	Dual
NVR-T-2-168TB-V2	168TB (12 x 14TB)	154TB	32GB	Dual	Dual
NVR-T-2-192TB-V2	192TB (16 x 12TB)	176TB	32GB	Dual	Dual
NVR-T-2-224TB-V2	224TB (16 x 14TB)	210TB	32GB	Dual	Dual

• To meet total storage, individual HDD size and quantity may be subject to change.
• Total usable storage is calculated based on advertised HDD size, not OS recognition.
• Usable storage size may vary slightly.
• Performance for multi-monitor use depends on camera codec, resolution, FPS, and network.

PRELOADED NETWORK VIDEO RECORDER – TOWER SERVER

• VI Server License Included
• VI Software Installed And Activated
• Fully Configured And Tested
• Unlimited Software Updates For All Video Insight Software Licenses
• The "Plug & Play" NVR Is Ready for Out-Of-The-Box Deployment
• Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By i-PRO Support Team)
• Recommended Use Case | 300-600Mbs Recording Rate Performance | 1Gbs Network
• Recommended Use Case | 600-1000Mbs Recording Rate Performance | 10Gbs Network

SERVER SPECIFICATIONS

PROCESSOR
2x Intel Xeon Silver Octa Core / Sixteen Threads

MEMORY
32GB

I/O SLOTS
Up to 8 x Gen3 Slots

OPTICAL DRIVE
No

DRIVE BAY
18 x 3.5" Drive

RAID LEVEL
Raid5 (Perc H730)

IDRAC
iDRAC9, Express

EMBEDDED NIC
10 GBE Dual Port LOM

POWER SUPPLY
2 x 750W Power Supply

SECURITY
On-board Encryption | TPM

OPERATING SYSTEM
Windows Server Standard

ACCESSORIES
Keyboard and Mouse

GRAPHICS CARD
Intel Onboard Graphics

VIDEO OUTPUT
VGA

WEIGHT
110 lbs.

DIMENSIONS
Tower: (H) 17.10", (W) 8.57", (D) 27.27"

HDD BAYS USED VS OPEN
LISTED
OS on (2 x 1TB) 3.5" Drive

WARRANTY
Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By i-PRO Support Team)

MONITOR
Not Included

• Rear drives - If unit supported, are special order and will require extra configuration time.
• Dell warranty will not cover issues arising from non-Dell parts, including third-party drives.
• No returns accepted after 30 days from invoice date.
• Recommended use case based on overall system throughput.

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TOWER WORKSTATION | WT1-A | NVR-T-1-MSG-V2

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-T-1-MSG-V2	1TB (1 x 1TB)	1TB	16GB	Single	Single

- To meet total storage, individual HDD size and quantity may be subject to change.
- Total usable storage is calculated based on advertised HDD size, not OS recognition.
- Usable storage size may vary slightly.
- Performance for multi-monitor use depends on camera codec, resolution, FPS, and network.

PRELOADED NETWORK WORKSTATION – TOWER WORKSTATION

- VI MonitorPlus Installed
- Fully Configured And Tested
- The "Plug & Play" Workstation Is Ready For Out-Of-The-Box Deployment
- i-PRO US-Based Technical Support
- Standard Dell® 3-Year Service Warranty (After Remote Diagnosis By i-PRO Support Team)
- Recommended Use Case | 2 Monitor Capable
  10 Channels X Full 1080P X 15FPS: H.264
  8 Channels X Full 1080P X 15FPS: H.265
  (Total Performance)

SERVER SPECIFICATIONS

PROCESSOR
9th Gen Intel Hex Core / Hex Threads

MEMORY
16GB

I/O SLOTS
One PCIe 3.0 x 16 Slot
(Full Height, Half Length)

OPTICAL DRIVE
No

DRIVE BAY
2 x 3.5" Drive

IDRAC
iDRAC9, Basic

EMBEDDED NIC
1 x 1GBE

POWER SUPPLY
465W Power Supply

SECURITY
On-board Encryption | TPM

OPERATING SYSTEM
Windows 10 Pro

ACCESSORIES
Keyboard and Mouse

GRAPHICS CARD
Nvidia GT1030

VIDEO OUTPUT
1 X DVI-D 1 X HDMI

WEIGHT
21 lbs.

DIMENSIONS
Tower: (H) 13.19", (W) 6.95", (D) 13.58"

HDD BAYS USED VS OPEN
1X Used | 2X Open
OS on (1TB) 3.5" Drive

WARRANTY
Standard Dell® 3-Year Service Warranty (After Remote Diagnosis By i-PRO Support Team)

MONITOR
Not Included

- Rear drives - If unit supported, are special order and will require extra configuration time.
- Dell warranty will not cover issues arising from non-Dell parts, including third-party drives.
- No returns accepted after 30 days from invoice date.
- Recommended use case based on overall system throughput.

security.us.panasonic.com/video-management-software/network-video-recorder-hardware

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TOWER WORKSTATION | WT1-B | NVR-T-1-MWS-V2

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-T-1-MWS-V2	1TB (1 x 1TB)	1TB	16GB	Single	Single

- To meet total storage, individual HDD size and quantity may be subject to change.
- Total usable storage is calculated based on advertised HDD size, not OS recognition.
- Usable storage size may vary slightly.
- Performance for multi-monitor use depends on camera codec, resolution, FPS, and network.

PRELOADED NETWORK WORKSTATION – TOWER WORKSTATION

- VI MonitorPlus Installed
- Fully Configured And Tested
- The "Plug & Play" Workstation Is Ready For Out-Of-The-Box Deployment
- I-PRO US-Based Technical Support
- Standard Dell® 3-Year Service Warranty (After Remote Diagnosis By i-PRO Support Team)
- Recommended Use Case | 4 Monitor Capable
  31 Channels X Full 1080P X 15FPS: H.264
  28 Channels X Full 1080P X 15FPS: H.265
  (Total Performance)

SERVER SPECIFICATIONS

PROCESSOR
9th Gen Intel Hex Core / Hex Threads

MEMORY
16GB

I/O SLOTS
One PCIe 3.0 x 16 Slot
(Full Height, Half Length)

OPTICAL DRIVE
No

DRIVE BAY
2 x 3.5" Drive

IDRAC
iDRAC9, Basic

EMBEDDED NIC
1 x 1GBE

POWER SUPPLY
465W Power Supply

SECURITY
On-board Encryption | TPM

OPERATING SYSTEM
Windows 10 Pro

ACCESSORIES
Keyboard and Mouse

GRAPHICS CARD
Nvidia GTX1660

VIDEO OUTPUT
3 X DP 1 X HDMI

WEIGHT
21 lbs.

DIMENSIONS
Tower: (H) 13.19", (W) 6.95", (D) 13.58"

HDD BAYS USED VS OPEN
1X Used | 2X Open
OS on (1TB) 3.5" Drive

WARRANTY
Standard Dell® 3-Year Service Warranty (After Remote Diagnosis By i-PRO Support Team)

MONITOR
Not Included

- Rear drives - If unit supported, are special order and will require extra configuration time.
- Dell warranty will not cover issues arising from non-Dell parts, including third-party drives.
- No returns accepted after 30 days from invoice date.
- Recommended use case based on overall system throughput.

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TOWER WORKSTATION | WT1-C | NVR-T-1-VW-V2

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-T-1-VW-V2	1TB (1 x 1TB)	1TB	16GB	Single	Single

• To meet total storage, individual HDD size and quantity may be subject to change.
• Total usable storage is calculated based on advertised HDD size, not OS recognition.
• Usable storage size may vary slightly.
• Performance for multi-monitor use depends on camera codec, resolution, FPS, and network.

PRELOADED NETWORK WORKSTATION – TOWER WORKSTATION

• VI Video Wallplus Installed And Active
• Fully Configured And Tested
• The "Plug & Play" Workstation Is Ready For Out-Of-The-Box Deployment
• i-PRO US-Based Technical Support
• Standard Dell® 3-Year Service Warranty (After Remote Diagnosis By i-PRO Support Team)
• Recommended Use Case | 4 Monitor Capable
  31 Channels X Full 1080P X 15FPS: H.264
  28 Channels X Full 1080P X 15FPS: H.265
  (Total Performance)

SERVER SPECIFICATIONS

PROCESSOR
9th Gen Intel Hex Core / Hex Threads

MEMORY
16GB

I/O SLOTS
One PCIe 3.0 x 16 Slot
(Full Height, Half Length)

OPTICAL DRIVE
No

DRIVE BAY
3 x 3.5" Drive

IDRAC
iDRAC9, Basic

EMBEDDED NIC
1 x 1GBE

POWER SUPPLY
465W Power Supply

SECURITY
On-board Encryption | TPM

OPERATING SYSTEM
Windows 10 Pro

ACCESSORIES
Keyboard and Mouse

GRAPHICS CARD
Nvidia GTX1660

VIDEO OUTPUT
3 X DP 1 X HDMI

WEIGHT
21 lbs.

DIMENSIONS
Tower: (H) 13.19", (W) 6.95", (D) 13.58"

HDD BAYS USED VS OPEN
1X Used | 2X Open
OS on (1TB) 3.5" Drive

WARRANTY
Standard Dell® 3-Year Service Warranty (After Remote Diagnosis By i-PRO Support Team)

MONITOR
Not Included

• Rear drives - If unit supported, are special order and will require extra configuration time.
• Dell warranty will not cover issues arising from non-Dell parts, including third-party drives.
• No returns accepted after 30 days from invoice date.
• Recommended use case based on overall system throughput.

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RACK- NVR | SR1 | NVR-R-1 (2TB - 12TBA)

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-R-1-2TB-V2	2TB (1 x 2TB)	2TB	16GB	SINGLE	SINGLE
NVR-R-1-4TB-V2	4TB (1 x 4TB)	4TB	16GB	SINGLE	SINGLE
NVR-R-1-8TB-V2	8TB (1 x 8TB)	8TB	16GB	SINGLE	SINGLE
NVR-R-1-12TB-A-V2	12TB (1 x 12TB)	12TB	16GB	SINGLE	SINGLE

• To meet total storage, individual HDD size and quantity may be subject to change.
• Total usable storage is calculated based on advertised HDD size, not OS recognition.
• Usable storage size may vary slightly.

PRELOADED NETWORK VIDEO RECORDER – RACK SERVER

• VI Server License Included
• VI Software Installed And Activated
• Fully Configured And Tested
• Unlimited Software Updates For Installed Video Insight Software Licenses
• The "Plug & Play" NVR Is Ready for Out-Of-The-Box Deployment
• Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By i-PRO Support Team)
• Recommended Use Case | 150-250Mbs Recording Rate Performance | 1Gbs Network

SERVER SPECIFICATIONS

PROCESSOR
Intel Xeon E-Series Hex Core / Hex Threads

MEMORY
16GB ECC

I/O SLOTS
Up to 8 x PCIe Gen3 Slot

OPTICAL DRIVE
No

DRIVE BAY
2 x 3.5" Drive

IDRAC
iDRAC9, Basic

EMBEDDED NIC
1GBE Dual Port

POWER SUPPLY
250W Power Supply

SECURITY
On-board Encryption | TPM

OPERATING SYSTEM
Windows 10 Pro

ACCESSORIES
Keyboard and Mouse

GRAPHICS CARD
Intel Onboard Graphics

VIDEO OUTPUT
VGA

WEIGHT
22 lbs.

DIMENSIONS
1U Rack Mount:
(H) 1.71", (W) 17.1", (D) 23.5"
(Dimensions Do Not Account For Bezel)

HDD BAYS USED VS OPEN
2X Used | 0X Open
OS On (1TB) 3.5" Drive

WARRANTY
Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By i-PRO Support Team)

MONITOR
Not Included

• Rear drives - If unit supported, are special order and will require extra configuration time.
• Dell warranty will not cover issues arising from non-Dell parts, including third-party drives.
• No returns accepted after 30 days from invoice date.
• Recommended use case based on overall system throughput.

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RACK - NVR | SR1 XL | NVR-R-1 (12TB -36TB)

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-R-1-12TB-V2	12TB (3 x 4TB)	8TB	16GB	SINGLE	SINGLE
NVR-R-1-24TB-V2	24TB (3 x 8TB)	16TB	16GB	SINGLE	SINGLE
NVR-R-1-36TB-V2	36TB (3 x 12TB)	24TB	16GB	SINGLE	SINGLE

- To meet total storage, individual HDD size and quantity may be subject to change.
- Total usable storage is calculated based on advertised HDD size, not OS recognition.
- Usable storage size may vary slightly.

PRELOADED NETWORK VIDEO RECORDER – RACK SERVER

- VI Server License Included
- VI Software Installed And Activated
- Fully Configured And Tested
- Unlimited Software Updates For Installed Video Insight Software Licenses
- The "Plug & Play" NVR Is Ready for Out-Of-The-Box Deployment
- Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By i-PRO Support Team)
- Recommended Use Case | 150-250Mbs Recording Rate Performance | 1Gbs Network

SERVER SPECIFICATIONS

PROCESSOR
Intel Xeon E-Series Hex Core / Hex Threads

MEMORY
16GB ECC

I/O SLOTS
Up to 8 x PCIe Gen3 Slot

OPTICAL DRIVE
No

DRIVE BAY
4 x 3.5" Drive

RAID LEVEL
RAID 5 (Perc H730)

IDRAC
iDRAC9, Basic + Port

EMBEDDED NIC
1GBE Dual Port

POWER SUPPLY
250W Power Supply

SECURITY
On-board Encryption | TPM

OPERATING SYSTEM
Windows 10 Pro

ACCESSORIES
Keyboard and Mouse

GRAPHICS CARD
Intel Onboard Graphics

VIDEO OUTPUT
VGA

WEIGHT
29.9lbs.

DIMENSIONS
1U Rack Mount:
(H) 1.71", (W) 17.1", (D) 23.5"
(Dimensions Do Not Account For Bezel)

HDD BAYS USED VS OPEN
4X Used | 0X Open
OS on (1TB) 3.5" Drive

WARRANTY
Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By i-PRO Support Team)

MONITOR
Not Included

- Rear drives - If unit supported, are special order and will require extra configuration time.
- Dell warranty will not cover issues arising from non-Dell parts, including third-party drives.
- No returns accepted after 30 days from invoice date.
- Recommended use case based on overall system throughput.

Panasonic

security.us.panasonic.com/video-management-software/network-video-recorder-hardware

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i-PRO

RACK - NVR | SR2 | NVR-R-1 (24TBA - 72TB)

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-R-1-24TB-A-V2	24TB (6 x 4TB)	20TB	16GB	SINGLE	SINGLE
NVR-R-1-32TB-V2	32TB (4 x 8TB)	24TB	16GB	SINGLE	SINGLE
NVR-R-1-40TB-V2	40TB (5 x 8TB)	32TB	16GB	SINGLE	SINGLE
NVR-R-1-48TB-V2	48TB (6 x 8TB)	40TB	16GB	SINGLE	SINGLE
NVR-R-1-60TB-V2	60TB (5 x 12TB)	48TB	16GB	SINGLE	SINGLE
NVR-R-1-72TB-V2	72TB (6 x 12TB)	60TB	16GB	SINGLE	SINGLE

- To meet total storage, individual HDD size and quantity may be subject to change.
- Total usable storage is calculated based on advertised HDD size, not OS recognition.
- Usable storage size may vary slightly.

PRELOADED NETWORK VIDEO RECORDER – RACK SERVER

- VI Server License Included
- VI Software Installed And Activated
- Fully Configured And Tested
- Unlimited Software Updates For Installed Video Insight Software Licenses
- The "Plug & Play" NVR Is Ready for Out-Of-The-Box Deployment
- Pro Level 3 Year Dell Next Business Day On-site Service After Remote Diagnosis By i-PRO Support Team
- Recommended Use Case | 250-300Mbs Recording Rate Performance | 1Gbs Network

SERVER SPECIFICATIONS

PROCESSOR
Intel Xeon Silver Octa Core / Sixteen Threads

MEMORY
16GB ECC

I/O SLOTS
Up to 5 x PCIe Gen3

OPTICAL DRIVE
No

DRIVE BAY
8 x 3.5" Drive

RAID LEVEL
RAID5 (Perc H730)

IDRAC
iDRAC9, Express, + Port

EMBEDDED NIC
1GBE Dual Port

POWER SUPPLY
495W Power Supply

SECURITY
On-board Encryption | TPM

OPERATING SYSTEM
Windows Server Standard

ACCESSORIES
Keyboard and Mouse

GRAPHICS CARD
Intel Onboard Graphics

VIDEO OUTPUT
VGA

WEIGHT
65.43lbs.

DIMENSIONS
2U Rack Mount:
(H) 3.41", (W) 17.08", (D) 27.71"
(Dimensions Do Not Account For Bezel)

HDD BAYS USED VS OPEN
Listed
OS on (2 x 1TB) 3.5" Drive

WARRANTY
Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By i-PRO Support Team)

MONITOR
Not Included

- Rear drives - If unit supported, are special order and will require extra configuration time.
- Dell warranty will not cover issues arising from non-Dell parts, including third-party drives.
- After 30 days from invoicing – No Returns accepted
- Recommended use case based on overall system throughput.

Panasonic

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RACK - NVR | SR2E | NVR-R-2 (24TBA - 72TB)

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-R-2-24TB-A-V2	24TB (6 x 4TB)	20TB	32GB	DUAL	DUAL
NVR-R-2-32TB-V2	32TB (4 x 8TB)	24TB	32GB	DUAL	DUAL
NVR-R-2-40TB-V2	40TB (5 x 8TB)	32TB	32GB	DUAL	DUAL
NVR-R-2-48TB-V2	48TB (6 x 8TB)	40TB	32GB	DUAL	DUAL
NVR-R-2-60TB-V2	60TB (5 x 12TB)	48TB	32GB	DUAL	DUAL
NVR-R-2-72TB-V2	72TB (6 x 12TB)	60TB	32GB	DUAL	DUAL

• To meet total storage, individual HDD size and quantity may be subject to change.
• Total usable storage is calculated based on advertised HDD size, not OS recognition.
• Usable storage size may vary slightly.

PRELOADED NETWORK VIDEO RECORDER – RACK SERVER

• VI Server License Included
• VI Software Installed And Activated
• Fully Configured And Tested
• Unlimited Software Updates For Installed Video Insight Software Licenses
• The "Plug & Play" NVR Is Ready for Out-Of-The-Box Deployment
• Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By i-PRO Support Team)
• Recommended Use Case | 300Mbs-600 Recording Rate Performance | 1Gbs Network

SERVER SPECIFICATIONS

PROCESSOR
2x Intel Xeon Silver Octa Core / Sixteen Threads

MEMORY
32GB ECC

I/O SLOTS
Up to 5x Gen3 Slots

OPTICAL DRIVE
No

DRIVE BAY
8 x 3.5" Drive

RAID LEVEL
RAID5 (Perc H730)

IDRAC
iDRAC9, Express, + Port

EMBEDDED NIC
1GBE Dual Port

POWER SUPPLY
2x 495W Power Supply Hot Swap

SECURITY
On-board Encryption | TPM

OPERATING SYSTEM
Windows Server Standard

ACCESSORIES
Keyboard and Mouse

GRAPHICS CARD
Intel Onboard Graphics

VIDEO OUTPUT
VGA

WEIGHT
65.43lbs.

DIMENSIONS
2U Rack Mount:
(H) 3.41", (W) 17.08", (D)27.71"
(Dimensions Do Not Account For Bezel)

HDD BAYS USED VS OPEN
Listed
OS on (2 x 1TB) 3.5" Drive

WARRANTY
Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By i-PRO Support Team)

MONITOR
Not Included

• Rear drives - If unit supported, are special order and will require extra configuration time.
• Dell warranty will not cover issues arising from non-Dell parts, including third-party drives.
• No returns accepted after 30 days from invoice date.
• Recommended use case based on overall system throughput.

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RACK - NVR | SR3E-A | NVR-R-2 (48TBA - 80TBA)

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-R-2-48TB-A-V2	48TB (6 x 8TB)	40TB	32GB	DUAL	DUAL
NVR-R-2-60TB-A-V2	60TB (5 x 12TB)	48TB	32GB	DUAL	DUAL
NVR-R-2-72TB-V2	72TB (6 x 12TB)	60TB	32GB	DUAL	DUAL
NVR-R-2-80TB-V2	80TB (10 x 8TB)	72TB	32GB	DUAL	DUAL

• To meet total storage, individual HDD size and quantity may be subject to change.
• Total usable storage is calculated based on advertised HDD size, not OS recognition.
• Usable storage size may vary slightly.

PRELOADED NETWORK VIDEO RECORDER – RACK SERVER

• VI Server License Included
• VI Software Installed And Activated
• Fully Configured And Tested
• Unlimited Software Updates For Installed Video Insight Software Licenses
• The "Plug & Play" NVR Is Ready for Out-Of-The-Box Deployment
• Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By i-PRO Support Team)
• Recommended Use Case | 300-600Mbs Recording Rate Performance | 1Gbs Network
• Recommended Use Case | 600-1000Mbs Recording Rate Performance | 10Gbs Network

SERVER SPECIFICATIONS

PROCESSOR
2x Intel Xeon Silver Octa Core / Sixteen Threads

MEMORY
32GB ECC

I/O SLOTS
8 x Gen3 Slots (4 x 16)

OPTICAL DRIVE
No

DRIVE BAY
12 x 3.5" Drive

RAID LEVEL
RAID5 (Perc H730)

IDRAC
iDRAC9, Enterprise

EMBEDDED NIC
1GBE Dual Port + 10GBE Dual Port

POWER SUPPLY
2x 750W Power Supply Hot Swap

SECURITY
On-board Encryption | TPM

OPERATING SYSTEM
Windows Server Standard

ACCESSORIES
Keyboard and Mouse

GRAPHICS CARD
Intel Onboard Graphics

VIDEO OUTPUT
VGA

WEIGHT
73 lbs.

DIMENSIONS
2U Rack Mount:
(H) 3.4", (W) 17.1", (D)29.0"
(Dimensions Do Not Account For Bezel)

HDD BAYS USED VS OPEN
Listed
OS on (2 x 1TB) 2.5" Drive

WARRANTY
Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By i-PRO Support Team)

MONITOR
Not Included

RAILS
Not Included

• Rear drives - If unit supported, are special order and will require extra configuration time.
• Dell warranty will not cover issues arising from non-Dell parts, including third-party drives.
• Rack Rails: Not Included.
• After 30 days from invoicing – No Returns accepted
• Recommended use case based on overall system throughput.

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RACK - NVR | SR3E-C | NVR-R-2 (96TB - 224TB)

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-R-2-96TB-V2	96TB (8 x 12TB)	84TB	32GB	DUAL	DUAL
NVR-R-2-112TB-V2	112TB (8 x 14TB)	98TB	32GB	DUAL	DUAL
NVR-R-2-126TB-V2	126TB (9 x 14TB)	112TB	32GB	DUAL	DUAL
NVR-R-2-140TB-V2	140TB (10 x 14TB)	126TB	32GB	DUAL	DUAL
NVR-R-2-168TB-A-V2	168TB (12 x 14TB)	154TB	32GB	DUAL	DUAL
NVR-R-2-196TB-V2	196TB (14 x 14TB)	182TB	32GB	DUAL	DUAL
NVR-R-2-224TB-V2	224TB (16 x 14TB)	210TB	32GB	DUAL	DUAL

- To meet total storage, individual HDD size and quantity may be subject to change.
- Total usable storage is calculated based on advertised HDD size, not OS recognition.
- Usable storage size may vary slightly.

PRELOADED NETWORK VIDEO RECORDER – RACK SERVER

- VI Server License Included
- VI Software Installed And Activated
- Fully Configured And Tested
- Unlimited Software Updates For Installed Video Insight Software Licenses
- The "Plug & Play" NVR Is Ready for Out-Of-The-Box Deployment
- Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By i-PRO Support Team)
- Recommended Use Case | 300-600Mbs Recording Rate Performance | 1Gbs Network
- Recommended Use Case | 600-1000Mbs Recording Rate Performance | 10Gbs Network

SERVER SPECIFICATIONS

PROCESSOR
2x Intel Xeon Silver Octa Core / Sixteen Threads

MEMORY
32GB ECC

I/O SLOTS
Up to 8 x Gen3 Slots

OPTICAL DRIVE
No

DRIVE BAY
16 x 3.5" Drive

RAID LEVEL
RAID5 (Perc H730)

IDRAC
iDRAC9, Enterprise

EMBEDDED NIC
1GBE Dual Port + 10GBE Dual Port

POWER SUPPLY
2x 750W Power Supply Hot Swap

SECURITY
On-board Encryption | TPM

OPERATING SYSTEM
Windows Server Standard

ACCESSORIES
Keyboard and Mouse

GRAPHICS CARD
Intel Onboard Graphics

VIDEO OUTPUT
VGA

WEIGHT
73 lbs.

DIMENSIONS
2U Rack Mount:
(H) 3.4", (W) 17.1", (D)29.0"
(Dimensions Do Not Account For Bezel)

HDD BAYS USED VS OPEN
Listed
OS on (2 x 1TB) 2.5" Drive

WARRANTY
Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By i-PRO Support Team)

MONITOR
Not Included

- Rear drives - If unit supported, are special order and will require extra configuration time.
- Dell warranty will not cover issues arising from non-Dell parts, including third-party drives.
- No returns accepted after 30 days from invoice date.
- Recommended use case based on overall system throughput.

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RACK - NVR | SR3E-XD | NVR-R-2 (288TB - 384TB)

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-R-2-288TB-V2	288TB (24 x 12TB)	264TB	32GB	DUAL	DUAL
NVR-R-2-336TB-V2	336TB (24 x 14TB)	308TB	32GB	DUAL	DUAL
NVR-R-2-384TB-V2	384TB (24 x 16TB)	348TB	32GB	DUAL	DUAL

- To meet total storage, individual HDD size and quantity may be subject to change.
- Total usable storage is calculated based on advertised HDD size, not OS recognition.
- Usable storage size may vary slightly.

PRELOADED NETWORK VIDEO RECORDER – RACK SERVER

- VI Server License Included
- VI Software Installed And Activated
- Fully Configured And Tested
- Unlimited Software Updates For Installed Video Insight Software Licenses
- The "Plug & Play" NVR Is Ready for Out-Of-The-Box Deployment
- Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By i-PRO Support Team)
- Recommended Use Case | 300-600Mbs Recording Rate Performance | 1Gbs Network
- Recommended Use Case | 600-1000Mbs Recording Rate Performance | 10Gbs Network

SERVER SPECIFICATIONS

PROCESSOR
2x Intel Xeon Silver Octa Core / Sixteen Threads

MEMORY
32GB ECC

I/O SLOTS
Up to 8 x Gen3 Slots

OPTICAL DRIVE
No

DRIVE BAY
24 x 3.5" Drive

RAID LEVEL
RAID6 (Perc H730P)

IDRAC
iDRAC9, Enterprise + Port

EMBEDDED NIC
1GBE Quad Port + Dual Port 10GbE BASE-T

POWER SUPPLY
2x 1100 Power Supply Hot Swap

SECURITY
On-board Encryption | TPM

OPERATING SYSTEM
Windows Server Standard

ACCESSORIES
Keyboard and Mouse

GRAPHICS CARD
Intel Onboard Graphics

VIDEO OUTPUT
VGA

WEIGHT
88.2 lbs.

DIMENSIONS
2U Rack Mount:
(H) 3.4", (W) 17.6", (D)31.9"
(Dimensions Do Not Account For Bezel)

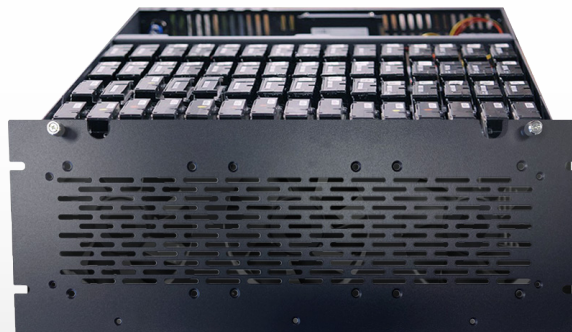**HDD BAYS USED VS OPEN**
Listed
OS on (2 x 256GB) M.2 SSD Drives

WARRANTY
Pro Level, 3-Year Dell Next Business Day On-site Service (After Remote Diagnosis By i-PRO Support Team)

MONITOR
Not Included

- Rear drives - If unit supported, are special order and will require extra configuration time.
- Dell warranty will not cover issues arising from non-Dell parts, including third-party drives.
- No returns accepted after 30 days from invoice date.
- Special orders should allow 14 business days for delivery.
- Recommended use case based on overall system throughput.

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RACK - NVR | SRE-STG | NVR-R-STG (480TB - 960TB)

MODEL	TOTAL STORAGE	USABLE STORAGE	RAM	PROCESSOR	POWER SUPPLY
NVR-R-STG-480TB-V2	480TB (60 x 8TB)	448TB	64GB	DUAL	DUAL
NVR-R-STG-600TB-V2	600TB (60 x 10TB)	560TB	64GB	DUAL	DUAL
NVR-R-STG-720TB-V2	720TB (60 x 12TB)	672TB	64GB	DUAL	DUAL
NVR-R-STG-840TB-V2	840TB (60 x 14TB)	784TB	64GB	DUAL	DUAL
NVR-R-STG-960TB-V2	960TB (60 x 16TB)	896TB	64GB	DUAL	DUAL

• To meet total storage, individual HDD size and quantity may be subject to change.
• Total usable storage is calculated based on advertised HDD size, not OS recognition.
• Usable storage size may vary slightly.

4U MASS STORAGE SERVER – RACK SERVER

• VI Server License Included
• VI Software Installed And Activated
• Fully Configured And Tested
• Unlimited Software Updates For Installed Video Insight Software Licenses
• The "Plug & Play" NVR Is Ready for Out-Of-The-Box Deployment
• 3-Year Hardware Warranty Service (After Remote Diagnosis By i-PRO Support Team.) Optional On-site Service Available For Purchase
• Recommended Use Case | 300-600Mbs Recording Rate Performance | 1Gbs Network
• Recommended Use Case | 600-1000Mbs Recording Rate Performance | 10Gbs Network
• Additional Camera Load Balancing Required During Installation

SERVER SPECIFICATIONS

PROCESSOR
2x Intel Xeon Silver Octa Core / Sixteen Threads

MEMORY
64GB ECC

I/O SLOTS
Up to 8 x Gen3 Slots

OPTICAL DRIVE
No

DRIVE BAY
60 x 3.5" Drive

RAID LEVEL
RAID5 x 4 (4 x 15 Port Controller)

IPMI
Dedicated IPMI PORT

EMBEDDED NIC
10GBE Dual Port + 1x 10GBE Fiber Port + 1 OPEN SFP+

POWER SUPPLY
2x 1100 Power Supply Hot Swap

OPERATING SYSTEM
Windows Server Standard

ACCESSORIES
Keyboard and Mouse

GRAPHICS CARD
Intel Onboard Graphics

VIDEO OUTPUT
1x VGA

WEIGHT
180 lbs.

DIMENSIONS
4U Rack Mount:
(H) 7", (W) 17.13", (D)37.5"

HDD BAYS USED VS OPEN
Listed
OS on (2 x 120GB SSD) 2.5" Drive

WARRANTY
3-Year Hardware Warranty Service (After Remote Diagnosis By i-PRO Support Team.) Optional On-site Service Available For Purchase

MONITOR
Not Included

RAILS
Included

• Rear drives - If unit supported, are special order and will require extra configuration time.
• Warranty will not cover issues arising from non-i-PRO parts including third party drives.
• No returns accepted after 30 days from invoice date.
• Special orders should allow 14 business days for delivery.
• Recommended use case based on overall system throughput.

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