



**Purchasing Division**  
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**Addendum #2**  
**Bid # 20-6601**  
**ISD709 Video Security Equipment**

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

1. We have recently been made aware that there is a replacement/upgraded part number for the Rack Servers. The upgraded Panasonic part number is NVR-R-2-144TB-V2. A spec sheet is attached.
2. The following manufacturer part numbers have been designated as approved equals as of 10/23/2020:

Hanwha:

XNV-9082R (conditional – must include Panasonic Video Insight license Mfg Part: IPSVC-UL)

SBP-187HMW (Cap)

SBP-300WMW1 (Arm)

QND-8080R (conditional – must include Panasonic Video Insight license Mfg Part: IPSVC-UL )

SHD-1198FW

Seagate ST6000VXA01 as an alternative for the Western Digital Purple WD60PURZ-85ZUFY1.

Western Digital WDBGKN0060HNC-WRSN for the WD60PURZ-85ZUFY1.

3. Bids are due by 2:00 pm this Thursday, October 29, 2020. **If you are planning to drop off your bid, please contact [purchasing@duluthmn.gov](mailto:purchasing@duluthmn.gov) or call 218-730-5003 by 5:00 pm on Wednesday.** City Hall access is currently limited due to the pandemic.

Please acknowledge receipt of this Addendum by initialing and dating Addendum #2 below the bid form on the invitation for bids.

Posted: **10/26/2020**

# i-PRO



## 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 (7 x 16TB)	96TB	32GB	DUAL	DUAL
NVR-R-2-128TB-V2	128TB (8 x 16TB)	112TB	32GB	DUAL	DUAL
NVR-R-2-144TB-V2	144TB (9 x 16TB)	128TB	32GB	DUAL	DUAL
NVR-R-2-176TB-V2	176TB (11 x 16TB)	160TB	32GB	DUAL	DUAL
NVR-R-2-208TB-V2	208TB (13 x 16TB)	192TB	32GB	DUAL	DUAL
NVR-R-2-224TB-V2	224TB (14 x 16TB)	208TB	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.
- Static rails included.