



### NDVR-IS-478 & NDVR-IS-4716 Powerful & Purpose-built Surveillance System

Thanks to an extensive lab testing and quality control program, WatchNET's windows-based servers deliver the rock-solid reliability you need for always-on video surveillance environments.

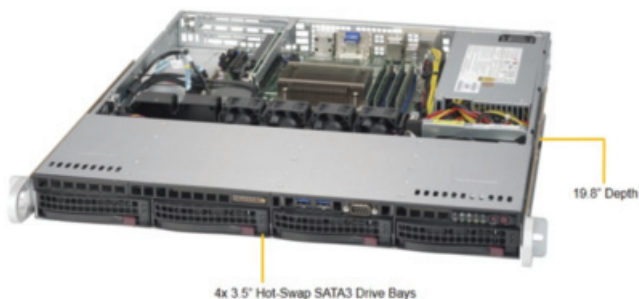
Look to WatchNET for a broader product line that makes it easy to find a workstation that matches your specific performance, storage, and budget requirements. Use WatchNET's server as video wall controllers, highly reliable clients, or as recording servers in combination with your video management software (VMS).

IP video surveillance systems generate massive amounts of critical, sensitive data. As a result, capturing, protecting, and mobilizing this data is essential. In the security market, systems must be purpose-built to optimize for high availability, continuous write performance, and advanced data protection. Otherwise, end-users are highly vulnerable to losses, liabilities, and business interruptions. PoE systems use existing infrastructure to save time and money on installation.

WatchNET Server Series offers unparalleled reliability & very economical. This server series offer 24/7 surveillance grade components, engineered specifically for surveillance and able to withstand the rigorous requirements of the security market. The NDVR Server Series has just what you need for your projects, without all the frill.

#### Key Features:

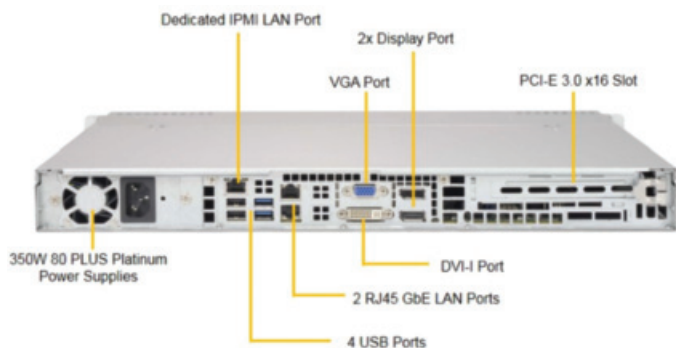
- Surveillance Application Server with Secure Storage & Rack Mount
- High bandwidth performance (2 x Gigabit fast Network) with 1U Industrial Chassis
- WatchNET's all VMS software supported (eVMS-PRO / HD-VMS / NetflowIP)
- eVMS-PRO command center client integrations or NetflowIP recording software (custom pre-built software based on the project)
- Accelerated performance with pre-loaded video applications
- Count on minimal downtime, with the superior engineering, exceptional hardware design and components of the VMS
- Viewing up to 128 channels as client
- 1xDVI-I Port and 2xDisplay Port
- Up to 64GB Unbuffered Non-ECC UDIMM DDR4 2400Mhz; 4 DIMM slots
- 1xVGA, 2xUSB 3.0, 2xUSB 2.0, 1xSuperDOM (shared) Audio Header
- Integrated IPMI 2.0 and KVM with Dedicated LAN
- Built in Health Monitoring



**VMS-PRO**  
Enterprise Class VMS Solution

NetFLOW  
IP

**HD VMS**



ONVIF



## Product Features:

### OPTIMIZED:

Designed and optimized for the video surveillance market. It delivers the performance required for the most demanding megapixel installations.

### OPEN PLATFORM SERVER:

Purpose built open platform server to integrate Video Management Software & Client Applications effortlessly.

### VIDEO CLASS:

Video class drives are designed for video storage to deliver reliable 24x7 operation and optimized for power consumption, quiet operation, video streaming while having high reliability and capacity. This ensures the highest video storage performance, enterprise-class reliability and significant system cost savings.

### VIEWING & MONITORING:

The NDVR delivers excellent viewing capability while eliminating the complexity and cost for a separate video viewing and monitoring server.

### EASY PLUG & PLAY:

The NDVR delivers effortless installation, management, and administration. All administration functions assume technicians have basic to no storage knowledge. Once racked, setup time should be 15 minutes or less.

**HOT-SWAPPABLE:** The NDVR features four 3.5" hot-swappable SATA drives for easy installation and maintenance.

**VIDEO OUTPUT:** 1xDVI-I Port and 2xDisplay Port.

**EASY MANAGEABLE:** Very easy to manage with optional remote management. GUI-driven provides full control of server functions.

The NDVR-IS-478 & NDVR-IS-4716 video server, from WatchNET, is a powerful & purpose-built equipment designed to support the most demanding video-centric software applications. Multiple options on the pre-loaded enterprise-scale applications (eVMS-PRO or HD-VMS) video management software. This server is ready to deliver exceptional performance of each application, when unlocked by the user. Count on minimal downtime, with the superior engineering, exceptional hardware design and components of the NDVR Series.

Processor/Cache	
Processor	Single socket H4 (LGA 1151) supports Intel® Xeon® processor E3-1200 v6/v5, Intel® 7th/6th Gen. Core™ i7/i5/i3 series, Intel® Celeron® and Intel® Pentium®
Chipset	
Chipset	Intel® C236 chipset
System Memory	
Memory Capacity	4x 288-pin DDR4 DIMM slots, Up to 64GB DDR4 Non-ECC UD
RAM Capacity	
Model: NDVR-IS-478	8GB RAM
Model: NDVR-IS-4716	16B RAM
Expansion Slots	
PCI-Express	1 PCI-E 3.0 x16 slot
Integrated On-Board	
SATA	4x SATA3 (6Gbps) via Intel® C236 controller RAID 0, 1, 5, 10 support
LAN	2 RJ45 Gigabit Ethernet LAN ports, 1 RJ45 Dedicated IPMI LAN port
Add-on Options	
RAID	Optional
Optical Drive	None

Front Panel	
LED Indicators	Power LED, Hard drive activity LED, 2 Network activity LEDs, System Overheat LED
Buttons	Power On/Off button, System Reset Button
Drive Bays	
HDD bays	4 Hot-swap 3.5" SATA3 drive bays
Video Output	
Video Output	1xDVI-I Port and 2xDisplay Port
Power Supply	
Power Supply	350W Platinum Level Power Supply
Cooling System	
Cooling System	4x 4cm internal fans
Form Factor	
Form Factor	1U Rack mount
Height	1.7" (43 mm)
Width	17.2" (437 mm)
Depth	19.85" (503mm)

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