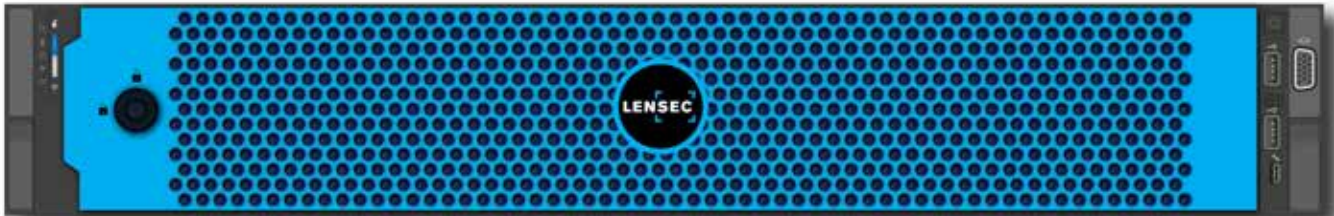# LENSEC VX10 Network Video Appliance

Product Datasheet

Introduction

LENSEC VX10 is an affordable dual socket 2U rack appliance designed for enterprise deployments running the video analytic engine on top of Microsoft Windows® 10.

This video analytics optimized server powered by NVIDIA offers hardware accelerated video processing for up to 65 channels for License Plates recognition purposes and up to 15 channels for Face Recognition. License Plates recognition and Face Recognition licenses are obtained separately.

LENSEC VX10 comes pre-downloaded and enhanced with Perspective VMS®, which eliminate deployment cost and enable instant use of appliance.

Cost-Effective, Designed for Video Analytics

LENSEC VX10 delivers a perfect balance between affordable budget and high performance. Ideal for enterprise deployments.

Supplied with dual power supply, LENSEC VX10 provides dual SATA drive configured with RAID 1 for OS and analytic engines.

Perspective VMS Integration

LENSEC VX10 performs the PVMS analytic functions and easily exchange the analytics data with the PVMS appliances with fast and reliable connectivity.

High Performance

LENSEC VX10 accelerates your network surveillance infrastructure analysis response with improved performance by using dual 10 cores, 2.2Ghz clock speed CPU from Intel Xeon processors.

Key Features

- Windows® 10 Pro

- 2x Intel® Xeon® Silver Series

- Up to 65 LPR / Up to 15 FR

- Redundant Power

- iDRAC Express

- 5 Year, Next-Business Day Warranty

LENSEC VX10 NVA Technical Specifications

General information

Operating System
Microsoft Windows® 10 Pro

Processor
2X Intel® Xeon® Silver 4210 2.2GHz, 10C/20T

Memory
32 GB (4 x 8 GB)

Power Supplies
Dual Hot Plug 1100W Power Supply

Networking
2 x 10 GbE ports
2 x 1 GbE ports

Performance
Validated up to 65 LPR channels* , Validated up to 15 FR channels*

Remote Users
No license limitation

VMS Edition Support
PVMS Professional, Enterprise

Operation Mode
General video analytics; License Plate Recognition (LPR);
Face Recognition (FR)

Support and Warranty
5-Year Next-Business Day, Customer self-repair for HDD & GPU

Storage

VMS/OS Disk
2 x 480 GB 3.5", Raid 1

Storage Bays
Up to 6 x 3.5" hot-plug

Storage Capacity
Up to 96 TB

RAID Controller
 0, 1, 5

Mechanical

Form Factor
 2U

Dimensions Form Factor
19" (482.6mm) x 28.17" (715.5mm) x 3.42" (86.8mm)

Temperature
(Min) 50°F - (Max) 95°F [(Min) 10°C - (Max) 35°C]

Humidity
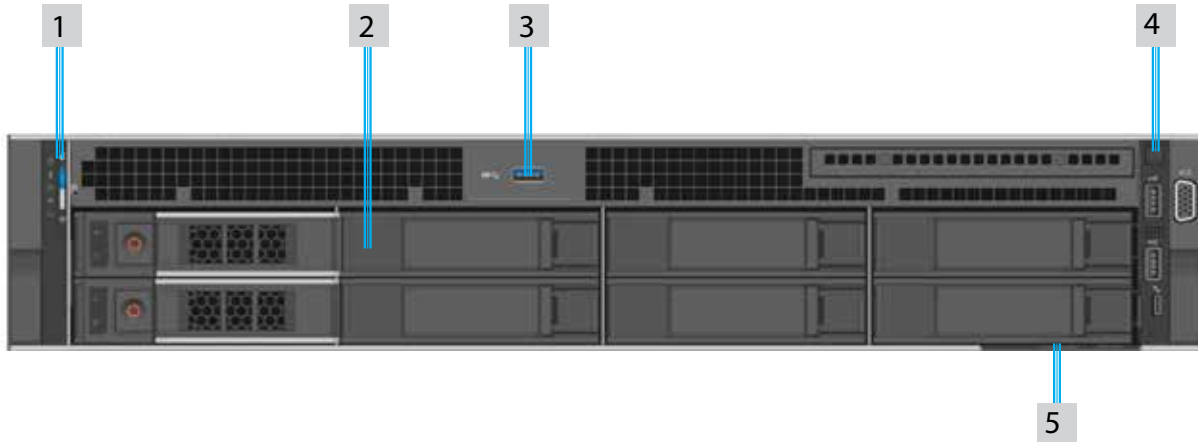10 ~ 80% (non-condensing)

Maximum Weight
25.4 kg (56 lbs)

GPU Configuration

Models	Bays	GPU Model
VX10-8TB-4-T1	6 x 3.5" hot-plug SATA	NVIDIA® T1000
VX10-8TB-4-R4	6 x 3.5" hot-plug SATA	NVIDIA® Quadro RTX™4000
VX10-12TB-4-R4	6 x 3.5" hot-plug SATA	NVIDIA® Quadro RTX™4000

*Up to 65 Parking LPR Channels or up to 15 FR Channels with 1920x1080, 10FPS & 3 Mbps

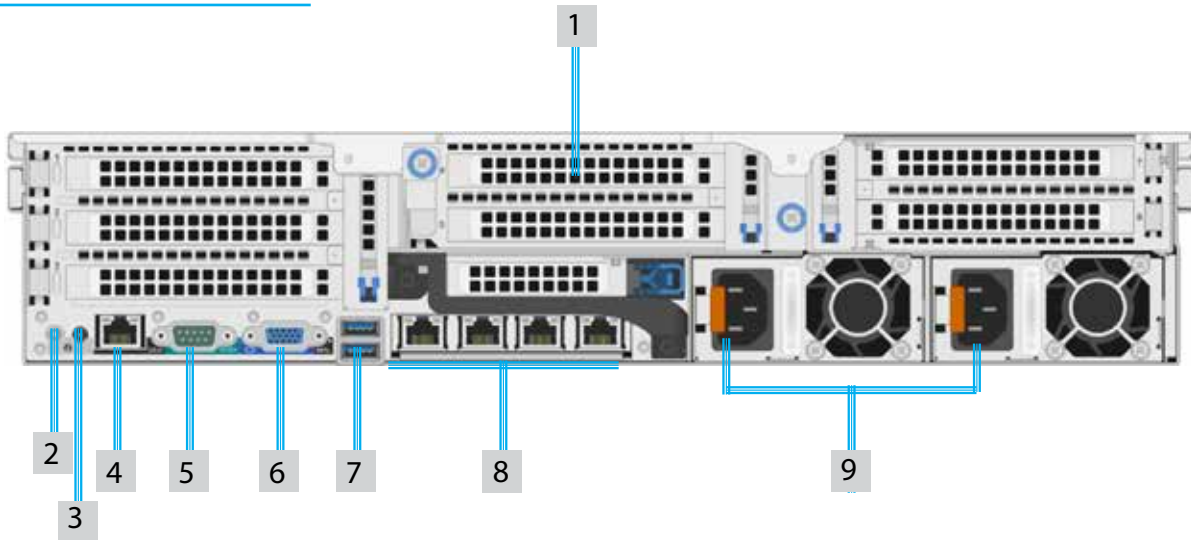## LENSEC VX10 NVA Chassis Views

Front View (without bezel)

1. Left Control Panel	3. USB 3.0 port	5. Information Tag
2. Drive slot 3.5"	4. Right Control Panel	

Rear View

1. PCIe Slot	4. Out of Band management port	7. USB 3.0 ports
2. System identification button	5. Serial port	8. Gigabit Ethernet ports
3. CMA power port	6. VGA port	9. Power Supply unit

For more information regarding joint purchasing contracts or buying through schedules, please contact our LENSEC sales team
sales@lensec.com

Note: Hardware specifications are subject to change. Units provided will be equivalent to what is shown in this document.