



**HIGH PERFORMANCE SERVER OPTIMIZED  
FOR UNITED VMS SERVER SOLUTIONS**

# FLIR USS ENTREPRISE-CLASS 1U SERVER



The FLIR Universal Systems Solutions Enterprise sets the industry standard for scalable servers, managing up to 10,000 cameras per Directory and a new level of performance for video surveillance applications of all types.

The Enterprise server is ideal for business seeking a multipurpose rack server that offers excellent system scalability, redundancy and value in a compact chassis. Designed to address the requirements of IT environments, the unit comes loaded with system management capabilities, best-in-class processing performance and the ability to expand for future storage requirements.

## HIGH PERFORMANCE

- Optimal performance and reliability without need for extra cooling
- Ability to connect to multiple networks in parallel
- Best-in-class processing performance - up to 10,000 cameras per single Directory Server

## COST SAVINGS

- Reduced unit count and Total Cost of Ownership (TCO)
- Reduced installation time with more consistency

## PEACE OF MIND

- Redundancy and reliability
- Ease of use for technicians and easier problem solving
- Easy to expand and maintain
- OS installation optimized for United VMS

## SPECIFICATIONS

### General

Form Factor	1U rack
Hard Drive Bay	4 hard drive chassis
Processor	USS-ENT-00N0-00: Enterprise Eight-core Intel® Xeon® Silver processor USS-ENT-00X0-00: Dual Enterprise Eight-core Intel® Xeon® Gold processor
Chipset	Intel C610
Memory	USS-ENT-00N0-00: 16 GB RDIMM RAM USS-ENT-00X0-00: 32 GB RDIMM RAM
I/O Slots	3 PCIe slots
RAID Controller	Hardware RAID controller with Flash Backed Cache
OS Drive	240GB Mirrored SSD
Operating System	Microsoft Windows Server 2016 Embedded
Storage Drive	Enterprise class, Hot-swap HDDS
Communications	USS-ENT-00N0-00: Embedded Quad Port 1Gb NIC USS-ENT-00X0-00: Embedded Dual Port 10Gb + Dual Port 1Gb NIC
Systems Management	iDRAC9 Express (Enterprise License Upgrade Option)
Power Supply	Dual, Hot-plug, Redundant Power Supply, 750W, 100~240VAC 50/60Hz (auto)
USB Ports	2 x 3.0 and 2 x 2.0
Rack Support	ReadyRails™ II sliding rails
Dimensions	42.8 x 434.0 x 733.82 (mm)
Weight	Max: 21.1 kg (46.51 lb)
Warranty	3-year ProSupport and Next Business Day On-site Service (upgrades available)
Certifications	Nemko, CE, FCC, C-Tick, ICES, VCCI, CCC

### Model Numbers **Storage** - USS Enterprise Storageless Server, RAID-1 [DS]

USS-ENT-00N0-00	None (1K Directory)
USS-ENT-00X0-00	None (10K Directory)

### Performance

Setup	Service	Max # Cameras	Max Throughput
Dedicated 1K	Directory	1,000	N/A
	Transcoder	45	45 Mbps
Dedicated 10K	Directory	10,000	N/A
	Transcoder	90	90 Mbps

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