

USS ENTERPRISE-CLASS 1U SERVER

High-Performance Server Optimized for United VMS Solutions

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

- Reliability and performance without the need for extra cooling
- Ability to connect to multiple networks in parallel
- Best-in-class processing with up to 10,000 cameras per single directory server

COST SAVINGS

- Reduced unit count and Total Cost of Ownership (TCO)
- Reduced installation time, greater consistency

PEACE OF MIND

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

Specifications			
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	240 GB mirrored SSD		
Operating System	Microsoft Windows Server 2016 Embedded or Server 2019		
Storage Drive	Enterprise class, hot-swap HDDS		
Communications	USS-ENT-00N0-00: Embedded Quad Port 1 Gb NIC USS-ENT-00X0-00: Embedded Dual Port 10 Gb + Dual Port 1 Gb NIC		
Systems Management	iDRAC9 Express (enterprise license upgrade option)		
Power Supply	Dual, hot-plug, redundant power supply, 750 W, 100-240 VAC 50/60 Hz (auto)		
USB Ports	2x 3.0 and 2x 2.0		
Rack Support	ReadyRails™ II sliding rails		
Dimensions	42.8 × 434.0 × 733.8 mm (1.69 × 17.08 × 28.89 in)		
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 (OS)		
USS-ENT-00N0-00	None (1K Directory)		
USS-ENT-00X0-00	None (10K Directory)		
Performance			
Setup	Service	Max # Cameras	Max Throughput
Dedicated 1K	Directory Transcoder	1,000 45	NA 45 Mbps
Dedicated 10K	Directory Transcoder	10,000 90	NA 90 Mbps

Specifications are subject to change without notice. For the most up-to-date specifications, visit www.teledyneflir.com.

TELEDYNE FLIR SECURITY

6769 Hollister Ave.
Goleta, CA 93117
USA
PH: +1 805.690.6600

OREGON
27700 SW Parkway Ave.
Wilsonville, OR 97070
PH: +1 877.773.3547

www.teledyneflir.com

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