

# USS ENTERPRISE HIGH PERFORMANCE 2U SERVER

High-Performance Scalable Server Optimized for United VMS Server and Storage Solutions

The FLIR Universal Systems Solutions sets the industry standard for internal storage servers, offering up to 288 TB of storage and a new level of performance for video surveillance applications of all types. This server is ideal for businesses seeking a multipurpose rack server that offers excellent internal storage, 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 288 TB of internal storage

## 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	2U rack		
Hard Drive Bay	18 hard drive chassis		
Processor	Enterprise Eight-core Intel® Xeon® Silver processor		
Chipset	Intel C610		
Memory	16 GB RDIMM RAM		
I/O Slots	4 PCIe slots		
RAID Controller	Hardware RAID controller with flash backed cache		
OS Drive	240 GB mirrored SSD, BOSS controller		
Operating System	Microsoft Windows Server 2016 Embedded or Server 2019		
Storage Drive	Enterprise class, hot-swap HDDS Max internal storage: 288 TB		
Communications	Embedded Quad 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	86.8 × 434.0 × 678.8 mm (3.41 × 17.08 × 26.72 in)		
Weight	Max: 33.1 kg (72.91 lb)		
Warranty	3-year ProSupport and Next Business Day On-site Service (upgrades available)		
Certifications	Nemko, CE, FCC, C-Tick, ICES, VCCI, CCC		
Performance			
Setup	Service	Max # Cameras	Max Throughput
All-in-One	Archiver Transcoder	500 15	500 Mbps 15 Mbps
Dedicated	Archiver Transcoder	650 45	650 Mbps 45 Mbps
Class Type	Raw Storage	RAID Type	Usable Storage
USS Enterprise	XX = amount of raw storage TB	R5 = RAID-5	XX = amount of usable storage TB
		H5 = RAID-5 with Hot Spare	
		R6 = RAID-6*	

\*RAID 6 reduces the Archiver Performance by 40%  
Specifications are subject to change without notice. For the most up-to-date specifications, visit [www.teledyneflir.com](http://www.teledyneflir.com).

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