



**HIGH PERFORMANCE SCALABLE SERVER
OPTIMIZED FOR UNITED VMS SERVER
AND STORAGE SOLUTIONS**

FLIR USS ENTERPRISE HIGH PERFORMANCE 2U SERVER

The FLIR Universal Systems Solutions sets the industry standard for internal storage servers, offering up to 216TB of storage and a new level of performance for video surveillance applications of all types.

The Enterprise server is ideal for businesses seeking a multi-purpose 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

- Optimal performance and reliability without need for extra cooling
- Ability to connect to multiple networks in parallel
- Best-in-class processing performance up to 216TB internal storage

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		Performance			
Form Factor	2U rack	Setup	Service	Max # Cameras	Max Throughput
Hard Drive Bay	18 hard drive chassis	All-in-One	Archiver	500	500 Mbps
Processor	Enterprise Eight-core Intel® Xeon® Silver processor		Transcoder	15	15 Mbps
Chipset	Intel C610	Dedicated	Archiver	650	650 Mbps
Memory	16 GB RDIMM RAM		Transcoder	45	45 Mbps
I/O Slots	4 PCIe slots	Horizon	All-in-one	180	500 Mbps
RAID Controller	Hardware RAID controller with Flash Backed Cache				
OS Drive	240GB Mirrored SSD, BOSS Controller				
Operating System	Microsoft Windows Server 2016 Embedded				
Storage Drive	Enterprise class, Hot-swap HDDS Max Internal Storage: 216TB				
Communications	Embedded Quad 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	86.8 x 434.0 x 678.8 (mm)				
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				

Model Numbers

USS Enterprise, RAID-5 Model		USS Enterprise, RAID-5 with Hot Spare Model		USS Enterprise, RAID-6* Model	
USS-ENT-24R5-16	USS-ENT-88R5-80	USS-ENT-32H5-16	USS-ENT-96H5-80	USS-ENT-32R6-16	USS-ENT-96R6-80
USS-ENT-32R5-24	USS-ENT-96R5-88	USS-ENT-40H5-24	USS-ENT-104H5-88	USS-ENT-40R6-24	USS-ENT-104R6-88
USS-ENT-40R5-32	USS-ENT-104R5-96	USS-ENT-48H5-32	USS-ENT-112H5-96	USS-ENT-48R6-32	USS-ENT-112R6-96
USS-ENT-48R5-40	USS-ENT-112R5-104	USS-ENT-56H5-40	USS-ENT-120H5-104	USS-ENT-56R6-40	USS-ENT-120R6-104
USS-ENT-56R5-48	USS-ENT-120R5-112	USS-ENT-64H5-48	USS-ENT-128H5-112	USS-ENT-64R6-48	USS-ENT-128R6-112
USS-ENT-64R5-56	USS-ENT-128R5-120	USS-ENT-72H5-56	USS-ENT-136H5-120	USS-ENT-72R6-56	USS-ENT-136R6-120
USS-ENT-72R5-64	USS-ENT-136R5-128	USS-ENT-80H5-64	USS-ENT-144H5-128	USS-ENT-80R6-64	USS-ENT-144R6-128
USS-ENT-80R5-72	USS-ENT-144R5-136	USS-ENT-88H5-72	USS-ENT-216H5-192	USS-ENT-88R6-72	USS-ENT-216R6-192

Class Type	Raw Storage	RAID Type	Usable Storage
USS Enterprise	XX = amount of raw storage TB	R5 = RAID-5 H5 = RAID-5 with Hot Spare R6 = RAID-6	XX = amount of usable storage TB

*RAID 6 reduces the Archiver Performance by 40%

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