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

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 businesses 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.
## 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**: Ready Rails™ 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 [OS]**
  - USS-ENT-00N0-00: None (1K Directory)
  - USS-ENT-00X0-00: None (10K Directory)

### Performance
<table>
<thead>
<tr>
<th>Setup</th>
<th>Service</th>
<th>Max # Cameras</th>
<th>Max Throughput</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dedicated 1K</td>
<td>Directory</td>
<td>1,000</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>Transcoder</td>
<td>45</td>
<td>45 Mbps</td>
</tr>
<tr>
<td>Dedicated 10K</td>
<td>Directory</td>
<td>10,000</td>
<td>N/A</td>
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<tr>
<td></td>
<td>Transcoder</td>
<td>90</td>
<td>90 Mbps</td>
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</tbody>
</table>

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