



HIGH PERFORMANCE SERVER

FLIR USS - BSC



The FLIR Universal Systems Solution-BSC is a compact, efficient, and high-performing server that meets the needs of small businesses. Key benefits include simple set-up and maintenance, reduced installation time, and excellent system management capabilities. With video surveillance storage requirements up to max RAID: 48TB and Non-RAID: 64TB and support for up to 200 cameras, the USS-BSC becomes a complete, economical system when paired with optional pre-installed Latitude VMS or Horizon VMS.

Select between two preloaded United VMS software options:

1. Horizon VMS software - Includes 1-year SSA
(Software Service Agreement)
2. Latitude VMS software - Licenses sold separately

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REDUCED INSTALLATION TIME

Rack requirements ideal for tight spaces

- Greater consistency across installations
- Hot-swappable hard drives
- Easy for technicians to problem solve

EASY SET UP AND MAINTENANCE

The USS-BSC is optimized for FLIR Latitude

- Interactive LCD diagnostics display screen
- Quad-pack LED
- Up to 48TB/64TB raw data (Raid 5 / Raid 0) of internal hard disk storage
- No need for extra cooling

FAST, RELIABLE PERFORMANCE

Intel® Core™ i3-8100 processor

- Server-class hardware
- RAID-0 & RAID-5 configurations
- High performance at an approachable price point

SPECIFICATIONS

Features			
Form Factor	1U rack		
Hard Drive Bay	4 x 3.5 hot-plug SATA Chassis		
Processor	Intel® Core™ i3-8100 CPU @ 3.60GHz		
Processor Sockets	1		
Chipset	Intel® C240 series		
Memory	16GB 2666MT/s DDR4 ECC UDIMM		
I/O Slots	PCIe Riser, 1x FH x8 PCIe Gen3 slot, 1x LP x4 PCIe Gen3 slot		
RAID Controller	PowerEdge RAID Controller On Board S140		
Operating System	Windows 10 IOT 2019		
Hard Drive Storage	Enterprise-class, hot-swap hard drives (see model numbers): maximum internal storage: 48TB raw data		
Communications	Embedded DP 1GB NIC		
Systems Management	iDrac9, Express		
Power Supply	Single, Cabled Power Supply, 250W		
USB Ports	Front ports: 1x USB 2.0, 1 x iDRAC micro USB 2.0 management port Rear ports: 2 x USB 3.0		
Rack Support	1U/2U static rails for 2-post and 4-post racks		
Dimensions	434 x 595.63 x 42.8 mm (wxdxh)		
Weight	12.2 kg (26.89 lb.)		
Warranty	3-year ProSupport and Next Business Day On-site Service		
Certifications	Nemko, CE, FCC, C-Tick, ICES, VCCI, CCC		
Model numbers			
USS-BSC-16R0-16	16TB Non-RAID (16TB Usable)		
USS-BSC-24R0-24	24TB Non-RAID (24TB Usable)		
USS-BSC-32R0-32	32TB Non-RAID (32TB Usable)		
USS-BSC-48R0-48	48TB Non-RAID (48TB Usable)		
USS-BSC-24R5-16	24TB RAID-5 (16TB Usable)		
USS-BSC-32R5-24	32TB RAID-5 (24TB Usable)		
USS-BSC-48R5-36	48TB RAID-5 (36TB Usable)		
USS-BSC-64R5-48	64TB RAID-5 (48TB Usable)		
USS-BSC-64R0-64	64TB None-RAID (64TB Usable)		
USS BSC RAID-5	Setup	Max # of cameras	Max throughput
Archiver performance	Server All-in-One	150	150 mbps
	Dedicated	200	200 mbps
Transcoder Performance	Server All-in-One	5	5
	Dedicated	20	20



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