FLIR USS EDGE APPLIANCE

Compact IP Video Appliance with Built-in PoE

Key Features:

- Compact video appliance ideal for small security deployments
- Can be used as extension for existing VMS system or stand-alone system
- Video storage: can store up to 20 TB of video data
- Built-in 8-port PoE switch
- Reduced installation time with easy installation interface

Main Applications:

- Ideal for small to medium security deployments
- Perfect fit for sites with limited installation space
- Perfect for deployments in remote locations

SPECIFICATIONS

USS NVR	2 TB to 20 TB	
Form Factor	Small and compact form factor with 8-port POE switch	
Processor	a. Alder Lake I3-12100E - for the following NVR order options 2/4 TB	b. Alder Lake I5-12500E - for the following NVR order options 8/12/16/20 TB
Memory	a. 16 GB DDR5 - for the following NVR order options 2/4 TB	b. 32 GB DDR5 - for the following NVR options 8/12/16/20 TB
Operation System Drive	2.5 in SSD 258 GB for Operating System (OS) and VMS software	
Operation System	Microsoft Windows 10 IoT Enterprise 64 bit	
Storage Drives	2 TB to 20 TB 3.5 in SATA	
Networking	Dual NIC, 2 × 10/100/1000 Mbps RJ45	
Built-in POE	8 × 10/100 RJ45 ports	
Video Output	2 × Standard HDMI, 1 × Display Port (Only 2 are supported simultaneously)	
Audio	Via HDMI or 3.5 mm audio jack, 1 × mic-in / 1 × headphone out	
Power Supply	200 W; 100 to 240 V AC, 50/60 Hz, Single non-redundant power supply	
Power Consumption	80 W min, 200 W max, POE Power 120 W	
Recording Throughput	80 Mbps - for the following NVR order options 2/4 TB	150 Mbps - for the following NVR order options 8/12/16/20 TB
Monitoring	Up to 220 FPS at 1080p - for the following NVR order options 2/4 TB	Up to 280 FPS at 1080p - for the following NVR order options 8/12/16/20 TB
USB Port	2 × USB 2.0; 2 × USB 3.2 (front); 1 × USB 3.2 type-C (rear); 1x eSATA	
Alarm IO	4 × alarm-in; 4 × alarm-out	
Dimensions	43.9 mm × 220 mm × 244.3 mm (1.72 in × 8.66 in × 9.62 in)	
Weight	Max. weight: 2.5 kg (5.5 lb)	
Operating Temperature	0°C to 40°C (32°F to 104°F)	
Warranty	3 years	
Certifications	CE/FCC/LVD (Standard, UL will be charged additionally)	

USS POE Switch (Item Sold Separately)	
RAM	32 KB SSRAM
ROM	64 KB Flash Memory
ID Range	8 bits
Supported PoE Ports	8 × 10/100 RJ45 ports
Uplink Port	1 × 10/100/1000 Mbps RJ45
PoE Power Control	Yes (Configurable)
PoE Level	IEEE 802.3at
Maximum Power of PoE	160 W
Dimensions (H x W x D)	43.9 mm × 220 mm × 244.3 mm (1.72 in × 8.66 in × 9.62 in)
Unit Weight	1.6 kg (3.5 lb)
Operation Temperature	0°C to 50°C (32°F to 122°F)
Operation Relative Humidity	10% to 90% Non-condensing
System Power Supply	AC 100–240 V, 180 W

Ordering Information	
USS-EDGE-G5-02TB	Small form factor Edge Server with 2/4/8/12/16/20 TB internal storage, 256 GB SSD for VMS and OS and 8-port built-in POE switch. VMS software purchased separately.
USS-EDGE-G5-04TB	
USS-EDGE-G5-08TB	
USS-EDGE-G5-12TB	
USS-EDGE-G5-16TB	
USS-EDGE-G5-20TB	
USS-MR08-G5-02TB	Meridian NVR with 2/4/8/12/16/20 TB internal storage, 256 GB SSD for VMS and OS and 8-port built-in POE switch. Includes 8/16/24 video channels, four users, four mobile connections and one SDK connection license. Include 3 years free SSA.
USS-MR16-G5-04TB	
USS-MR24-G5-08TB	
USS-MR24-G5-12TB	
USS-MR24-G5-16TB	
USS-MR24-G5-20TB	
SW08PE	Managed Ethernet switch with 8 × POE ports and smart web management

Specifications subject to change. For the most up-to-date specifications, please visit flir.com.

For more information and to find your local support number, visit:
FLIR.com/contact/instruments-support
www.FLIR.com

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