



MERIDIAN™ 9.3

Enterprise Grade NVR for the UVMS Family
with Built-In PoE for Small Enterprises



Key Features:

- IP video appliance functions as an independent VMS or as a remote archiver to an existing system
- Preloaded with FLIR Meridian management software and pre-licensed with 24 video channels
- ONVIF Profile S-conformant and supports a wide range of third-party cameras

Main Advantages:

- Seamlessly extends your video security system across multiple locations
- Operates efficiently with simplified setup and configuration process
- Built to last within complex security ecosystems

www.flir.com/products/meridian

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 NVR order options 2/4 TB	b. Alder Lake I5-12500E—for NVR order options 8/12/16/20 TB
Memory	a. 16 GB DDR5—for NVR order options 2/4 TB	b. 32 GB DDR5—for 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 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 NVR order options 2/4 TB	150 Mbps—for NVR order options 8/12/16/20 TB
Monitoring	Up to 220 FPS at 1080p—for NVR order options 2/4 TB	Up to 280 FPS at 1080p—for 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 × W × D)	44 × 220 × 244 mm (1.72 × 8.66 × 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-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 contact or to find your local support number, visit: flir.com/contactsupport

www.flir.com

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