

# FLIR Meridian 8.0™

## ENTERPRISE-GRADE COMPACT NVR WITH BUILT-IN POE FOR SMALL ENTERPRISES

Meridian is an all-in-one, cost-effective video surveillance NVR, equipped with built-in 8 port POE switch and ideal for security installations with up to 24 cameras. Offered with pre-licensed video management software, Meridian is designed for superior out-of-the-box experience with sophisticated viewing capabilities, eliminating the need for additional client workstations.



Meridian NVR with built-in 8 port PoE switch



Additional smart 8 port PoE switch available for purchase

### All-In-One Solution

- Quick and easy setup allows for in-and-out installations
- Up to 30 days of continuous recording on max cameras count (1080p, 15 FPS, disc saver mode)
- Built in 8-port PoE switch
- Additional smart 8-port PoE switch, equipped with 2x1Gbps uplink ports available for purchase for 16/24 channel models
- Dual monitor display support

### Versatile VMS software with Meridian 8.0

- Pre-loaded and pre-licensed video management software
- Sleek and modern EZ Client web interface that is optimized for touch screens and adapts well to different resolutions
- Adaptive Streaming displays more streams while consuming less bandwidth and computing resources on client workstations when using FLIR Quasar and Ariel visible cameras

### Easy Integration

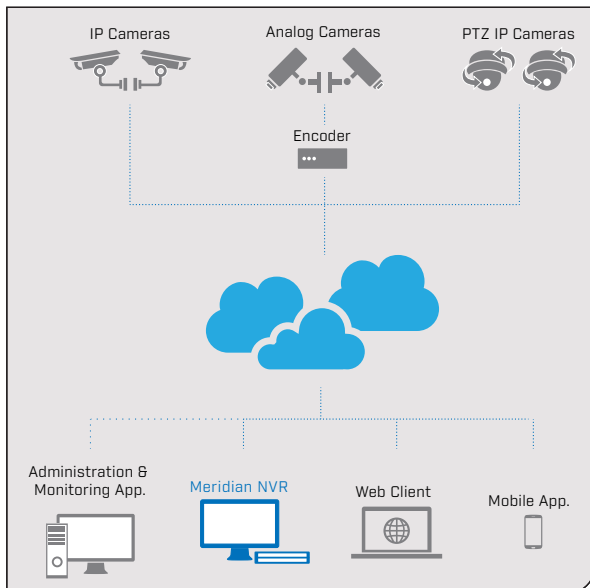
- Supports wide range of cameras and analytics
- ONVIF Profile S-compliant
- 4K support / certified
- Integrated with leading access control systems (modules purchased separately)

### Peace of Mind

- Three year free SSA, for systems purchased in 2017 or later, that includes:
  - Software version upgrades
  - Online support (Chat and Email)
  - Average response time (best effort by next business day)
  - Free access to FLIR Cloud Services for system health monitoring
  - Access to online training videos and webinars

### New in 8.0

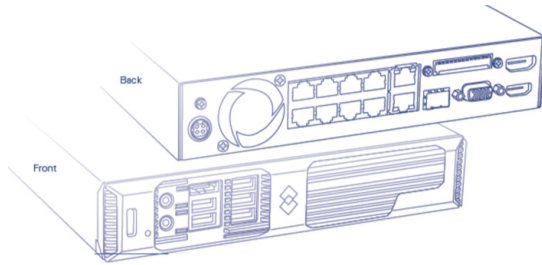
- Unified discovery plugin for FLIR cameras
- Improved video quality of EZ client web interface with H.264 streaming
- Video analytics setup for FLIR FC-Series ID cameras from Admin Center
- Toggling playback in multi-sensor cameras in EZ Client web interface
- Improved snapshot support in EZ Client web interface



Meridian Enterprise Model NVR is Part of United VMS 8.0

## 8-Port PoE Switch Specifications

System	SW08PE
RAM	32 KB SSRAM
ROM	64 KB Flash Memory
ID Range	8 bits
Supported PoE Ports	x 8, RJ-45, 10 / 100 Mbps
Uplink Port	x 2, RJ-45, 1 Gbps
<b>PSE</b>	
PoE Power Control	Yes (Configurable)
PoE Level	IEEE 802.3at
Maximum Power of PoE	160W
<b>General</b>	
Dimensions (H x W x D)	44 x 220 x 185mm (1.73" x 8.66" x 7.28")
Unit Weight	1.6 Kg
Operation Temperature	0°C ~ 50°C / 32°F ~ 122°F
Operation Relative Humidity	10% ~ 90% Non-condensing
System Power Supply	AC 100~240V, 180W



## Meridian Unit Specifications

General	8 Channel	16 Channel	24 Channel
Processor	Intel® Core™ i3-4330 Processor (4M Cache, 3.50 GHz)		Intel® Core™ i5-4570S Processor (6M Cache, 2.90 GHz)
Memory	4GB	8GB	8GB
System Storage	SSD: 70 GB for OS + SW, 50 GB for DB		
Video Storage	2TB HDD SATA	4TB HDD SATA	6TB HDD SATA
Video Outputs	(1) Standard HDMI, (1) Display Port, (1) VGA*		
Networking	Dual NIC (2) 10/100/1000 Mbps RJ-45		
Built in PoE	8 x 10/100 RJ-45 ports		
Total PoE Power	70W		
OS	Windows 10 64 bit		
USB	3 x USB 2.0; 2 x USB 3.0		
Audio	Via HDMI or 3.5mm audio jack 1 x Mic-in / 1 x Headphone-out		
Rec. Throughput	50 Mbps	70 Mbps	100 Mbps
Frames per Second**	165	210	270
<b>Electrical</b>			
Power Input	100 to 240 VAC, 50/60 Hz, Single non-redundant power supply		
Power Consumption	80 W min.; 150 W max.		
<b>Mechanical/Environmental</b>			
Dimensions (H x W x D)	44 x 220 x 245mm (1.73" x 8.66" x 9.65")		
Operating Temp.	0°C to 40°C (32°F to 104°F)		
Weight	3 kg; 6.4 lb.		
Certifications	UL (US and Canada), CE, FCC, LVD and RCM		
Supplied Accessories	Power Supply, USB Keyboard and Mouse		
Warranty	3 Years		

\*Only 2 are supported simultaneously

\*\*Reduced frames per second in higher resolution

## Recording Retention for Meridian with max

Resolution	FPS	Record Always with Max # of Quasar Cameras	
		Medium Quality	Disk Saver
Quasar HD 1080p (1920 x 1080)	30	10 Days	15 Days
Quasar HD 1080 p (1920 x 1080)	25	12 Days	18 Days
Quasar Quad HD (2560 X 1440)	15	13 Days	21 Days
Quasar Quad HD (2560 x 1440)	12	15 Days	23 Days
Quasar 4K Ultra HD (3840 x 2160)	8	13 Days	21 Days
Quasar 4K Ultra HD (3840 x 2160)	6	16 Days	25 Days

## Ordering Information

Meridian NVR Includes 8, 16 or 24 video channels, with an eight-port built-in POE switch, four users, four mobile connection licenses and one SDK connection license. Includes 2TB (1.86 usable), 4TB (3.86 usable) or 6TB (5.86 usable) non-RAID internal storage and audio support.

Model	United VMS Model*	Standalone Model
2TB 8 Channel	MR08PE02	MR08PE02L
4TB 16 Channel	MR16PE04	MR16PE04L
6TB 24 Channel	MR24PE06	MR24PE06L
8-Port PoE Switch	SW08PE	

\*Available for Latitude certified dealers only

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