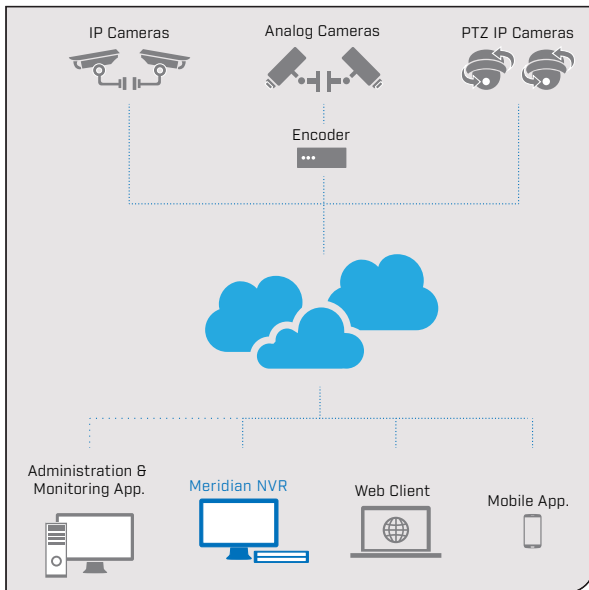


FLIR Meridian™ NVR

A COMPACT, COST-EFFECTIVE NVR FOR UP TO 24 CAMERAS



The Meridian NVR is an enterprise grade, off-the-shelf, cost-effective, plug-and-play video surveillance system for security installations configurable for 8, 16 or 24 cameras. The system includes a network video recorder with 2TB or 4 TB of raw storage, video management software that is pre-configured and works out-of-the box and sophisticated viewing capabilities, eliminating the need for additional client workstations. VMS 7.0 reinvents the user experience with a brand new, sleek and efficient EZ Client web interface, further allowing for effortless deployment, responsive design, touch screen optimization and support on multiple browsers.



Meridian Enterprise Model NVR is Part of United VMS 7.0

Meridian 2TB and 4TB

- Sleek and modern EZ Client web interface that is optimized for touch screens and adapts well to different resolutions
- Playback and export recorded footage straight from EZ Client, reducing need for separate client software.
- Quick clip identification and retrieval with thumbnail search in Control Center and EZ Client
- Powerful processor can handle multiple live and recorded streams
- Small and compact hardware designed for space saving
- Adaptive Streaming displays more streams while consuming less bandwidth and computing resources on client workstations when using FLIR Quasar and Ariel visible cameras
- Quick and easy setup allows for in-and-out installations
- Easily and proactively monitor your system with FLIR Cloud Services

Key Features

- Pre-loaded with video management software
- Feature-rich, easy to use, and optimized for touch screens
- Reduced cost of ownership with use of new EZ Client web interface
- Thumbnail search in Control Center and EZ Client
- Quick and easy to deploy
- ONVIF Profile S-conformant
- Equipped with wireless adapter
- VESA mount for mounting behind a monitor
- Robust reporting generator with detailed sign-off report

Overview

- Auto discovery of IP cameras and encoders
- Feature-rich Control Center client application
- Supports third-party and ONVIF Profile S-conformant edge devices
- Supports monitoring, search, snapshot, and export from EZ Client

- For additional information about Transcoder specifications, see United VMS-7.0 - ReleaseNotes

- Automatic software updates of client applications
- Mobile viewing applications over iPhone, iPad and Android mobile devices
- Integrates with access control systems

Recording

- Supports 8, 16 or 24 camera channels
- Records video or video linked with audio
- Supports H.264, MPEG-4, and MJPEG video compression formats
- Manual, schedule, alarm, motion detection and event-based recording triggers
- Recording lifespan can be set per camera and by recording trigger type

Search & Export

- Creates bookmark to mark a time of interest
- Applies Smart Search criteria to locate video for evidence
- Video and audio can be exported to FLIR's proprietary file format or AVI file using industry-standard codecs, with or without audio
- Exported files have digital signature for evidence management
- Clips can be exported to a file or directly burned to DVD
- Thumbnail search functionality in Control Center and EZ Client
- Sites/System Filter

Playback from archive

- Instant replay of any camera displayed over tile in Control Center
- Synchronized playback of multiple concurrent video sources or video and audio sources
- Controls playback speed and frame-by-frame playback
- Locks clips to be kept indefinitely
- Timeline colors indicate recording trigger – schedule, manual, alarm, event

Remote connectivity

- One Control Center can monitor multiple systems concurrently
- Remote connection to Meridian over Wide Area Network
- User-definable video downscaling when transmitting video over Wide Area Network

User management

- Configures users, user groups and their camera access rights and privileges
- Authenticates user login

Alarm management

- Pre- and post-alarm recordings
- User-defined alarms can display live and playback video
- Sends alarms to a specific user, group, or multiple recipients
- Accepts, snoozes, forwards or clears alarms
- Email notifications upon alarm or any other configured event

Event logging and reporting

- Automatic execution of actions in response to events
- Events in the system are audited and updated in the database
- Reports can be viewed, exported to file, printed and sent via email

Monitoring

- Adaptive streaming functionality, with Quasar (Gen I and Gen II) and Ariel (Gen I and FHD) camera line, for displaying more streams over client workstations while reducing processing power and bandwidth
- Supports Guard Tours (layout tours) and camera sequences
- Interactive HTML map support with links and command operations
- CCTV keyboard support, connected either to workstation or encoder
- PTZ control, including digital zoom control for clear identification
- Digital zoom indication in Control Center

Integrations

- Access control systems
- Point-of-sales software

United VMS

- Monitor several United VMS systems (Latitude, Horizon or Meridian) of all different sizes from a single Control Center application.

Meridian Unit Specifications

General	8/16 Channel	24 Channel
Processor	Intel® Core™ i3-4160 Processor (3M Cache, 3.60 GHz)	Intel® Core™ i7-4790S Processor (8M Cache, up to 4.00 GHz)
Memory	4GB	8GB
System Storage	SSD, 80 GB for OS + SW, 40 GB for DB	
Video Storage	2TB, or 4TB HDD SATA 2.5"	4TB HDD SATA 2.5"
Video Outputs	(1) Standard HDMI	
Network Interface	10/100/1000 Mbps Ethernet & IEEE 802.11 b/g/n wireless	
Operating System	Windows Embedded Standard 7	
USB	(6) USB 2.0, (2) USB 3.0	
Audio	Via HDMI or 3.5mm audio jack 1 x Mic-in / 1 x Headphone-out	
Rec. Throughput	50Mbps	80Mbps
Frames Per sec*	Up to 110 fps display at 1080p	Up to 210 fps display at 1080p
Electrical		
Power Input	19.5VDC, 6.15A	
Power Consumption	120W	
Mechanical/Environmental		
Dimensions (H x W x D)	54.8 x 202 x 204mm (2.15" x 7.95" x 8")	
Operating Temp.	10-35°C (50-95°F)	
Weight	1.15Kg (2.53 lbs)	
Certifications	CE, FCC,RCM, UL and Wireless	
Supplied Accessories	USB Keyboard and mouse, US and European AC power cords, AC/DC adapter, HDMI to VGA adapter, VESA Mount, Wireless antenna	
Warranty	3 Years	

*Reduced frames per second in higher resolution

Recording Retention for Meridian 2TB**

Resolution	FPS	Record Always 8 x 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

**Double the values for the 4TB option

Ordering Information

Meridian NVR Includes Meridian VMS software pre-licensed with 8, 16 or 24 video channels, two user and two mobile connection licenses. Includes 2TB (1.86TB usable) or 4TB (3.86 usable) non-RAID internal storage with dual band wireless communication and audio support.

Note: The 24 channel option includes 4 user and 4 mobile connection licenses

Storage Option	United VMS Model*	Standalone Model
2TB 8 channels	MR08C02	MR08C02L
4TB 8 channels	MR08C04	MR08C04L
2TB 16 channels	MR16C02	MR16C02L
4TB 16 channels	MR16C04	MR16C04L
4TB 24 channels	MR24C04	MR24C04L

*Available for Latitude certified dealers only

CORPORATE HEADQUARTERS

FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
PH: +1 877.773.3547

FLIR Systems, Inc.
6769 Hollister Ave,
Goleta, CA 93117

FLIR Systems, Inc.
65 Challenger Rd
Ridgefield Pk., NJ 07660
PH: +1 201.368.9700

CANADA

FLIR Systems - Canada
250 Royal Crest Court
Markham, Ontario,
Canada L3R 3S1
PH: +1 888.425.6739

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited. Imagery for illustration purposes only. Specifications are subject to change without notice. ©2016 FLIR Systems, Inc. All rights reserved. Revised 07/13/2016