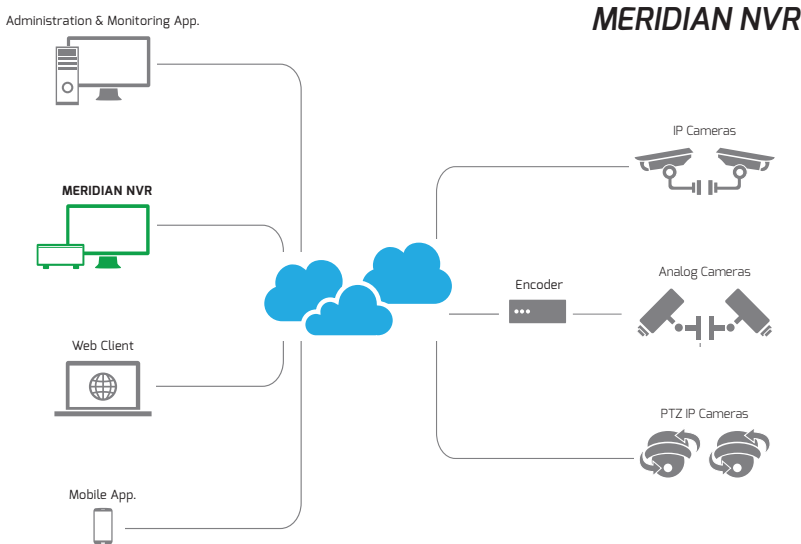




MERIDIAN 6.3

Your ideal compact
cost effective solution

The Meridian NVR is a complete, cost-effective, plug-and-play video surveillance system for security installations requiring up to eight or 16 cameras. The system includes a network video recorder with 1TB of raw storage, either one or two eight-port Power over Ethernet (PoE) switch, a wireless keyboard and mouse, and video management software that is pre-configured and works out-of-the box. The software, based on DVTEL's award-winning Latitude Video Management System, features an intuitive, user-friendly interface that is designed for easy operation in small video sites. Deployment is quick and easy, which reduces installation time and expense. The system operates seamlessly with edge devices from DVTEL and other manufactures.



KEY FEATURES

- Pre-loaded with Meridian management software
- Feature-rich, easy to use
- Quick and easy to deploy
- Operates seamlessly with a wide range of third-party edge devices
- ONVIF Profile S-conformant
- Ability to monitor several Meridian systems from a single Control Center

Overview

- Auto discovery of IP cameras and encoders
- Feature-rich Control Center client application
- Supports third-party cameras and ONVIF Profile S-conformant edge devices
- Supports up to two monitors
- Supports monitoring from web client
- Automatic software updates of client applications
- Mobile viewing applications supported over iPhone, iPad and Android mobile devices
- Integrates with Access Control Systems

Recording

- Supports up to 8 or 16 camera channels and maximum 40Mbps recording throughput
- 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 DVTEL'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

Playback from archive

- Instant replay of any camera displayed over tile in ControlCenter
- 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 ControlCenter can monitor multiple Meridian 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

- Up to 90 frames per second display at resolution of 1080p
- 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

Ordering Information

Part Number	Description
MER-NVR-08CH-01	Meridian NVR Including eight video channels, two user and two mobile connection Licenses. Includes 1TB non-RAID internal storage and 8-port POE Switch
MER-NVR-16CH-01	Meridian NVR Including 16 video channels, two user and two mobile connection Licenses. Includes 1TB non-RAID internal storage and two 8-port POE Switches

Meridian Unit Specifications

General	
Processor	Core™ i5-4250U, 1.3 GHz Turbo (2.6 GHz), Dual-Core
Memory	4GB
Storage	930GB usable
Video Outputs	1 mini-DisplayPort and 1 mini-HDMI
Network Interface	PRO 10/100/1000
Operating System	Windows embedded standard 7
USB	(4) USB 3.0 ports
Audio	Audio via Mini HDMI/DisplayPort
Electrical	
Power Input	DC 19V
Power Consumption	65W
Mechanical/Environmental	
Dimensions (HxWxD)	60mm x 140.5mm x 200.5mm 2.36" x 5.53" x 7.89"
Operating Temp	0° C to 50° C (32° F to 122° F)
Weight	1.13Kg (2.5 lbs)
Certifications	
CE, FCC, RCM	
Supplied Accessories	
Wireless Keyboard and Mouse	
Mini HDMI to DVI adapter	

POE Switch Specifications

General	
9-port 10/100 Switch with 8-port POE	
Network Ports	
IEEE 802.3i 10BASET IEEE 802.3u 100BASETX IEEE 802.3x Flow Control IEEE 802.1af DTE Power via MDI IEEE 802.3af	
Power Supply	
Power Input	DC 48V 2.5Amp
POE Watt Budget	110W
IEEE 802.3af Power Consumption	105W maximum (Ports 1-8)
Status Leads	
System	Power, POE Maximum Power
Per Port	Link, Activity, Speed, POE Active, POE Fault
Mechanical/Environmental	
Dimensions (HxWxD)	28mm x 189mm x 102mm 1.1" x 7.44" x 4.01"
Weight	0.65Kg (1.43 lbs)
Operating Temp	0° C to 55° C (32 F° to 131 F°)
Certifications	
CE, FCC, RCM	

Warranty

3 years
