



First Time Configuration Wizard

User Guide

Meridian 9.0.0

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Important Instructions and Notices to the User:

Modification of this device without the express authorization of FLIR Commercial Systems, Inc. may void the user's authority under FCC rules to operate this device.

The 'About' section contains a summary of pertinent changes to this document.

Table of Contents

1. Introduction	1
2. Initial Setup Wizard	2
3. Wizard Welcome Screen	3
4. Time Setup	4
5. Network Selection	5
6. Network Setup	7
7. Video Standards Setup	9
8. Recording Mode Setup	10
9. Complete Setup Wizard	11
10. Launch	12
11. Admin Center	13
11.1 Login Screen	13
11.2 First Launch	13
11.3 Home Screen	14
11.4 Admin Center Screen Layout	15
12. Disclaimer	16
13. About This File	17

1 Introduction

The Meridian Setup Wizard appears at the first launch of the Meridian NVR, to assist the user in quickly and effectively configuring the system.

This *Quick Configuration Guide* is a step-by-step description of the process.

2 Initial Setup Wizard

The first time the Meridian NVR is powered up, the user must enter the default user name and password at the Windows login screen.

User name: administrator

Password: flir

Once the password has been entered, the system automatically runs the Initial Setup Wizard. The user completes all the Wizard steps, after which the system opens the Meridian Admin Center and the system setup can be continued.

Note: All steps in the Initial Setup Wizard are mandatory. The Meridian Admin Center will launch only after all steps have been completed.

3 Wizard Welcome Screen

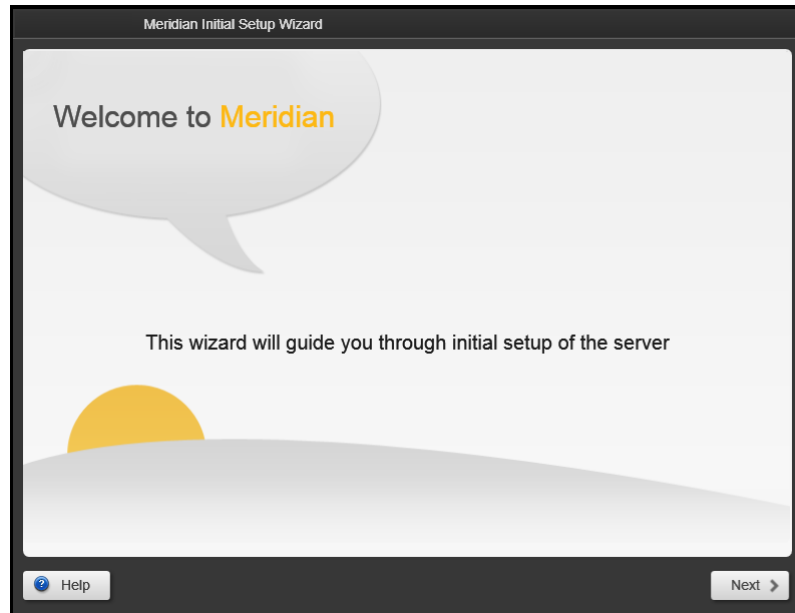


Figure 1: Wizard Welcome screen

On the Welcome screen, click **Next**.

4 Time Setup

Set the system date and time.

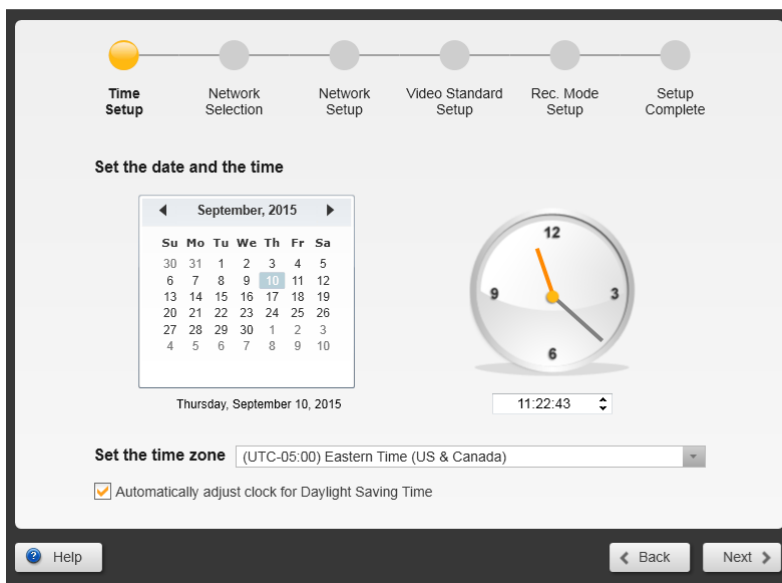


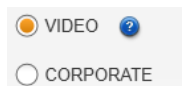
Figure 2: Time Setup

Parameter	Notes
Date, Time	Set the date and time according to current time now in your region.
Time Zone	Use the dropdown to select your Time Zone.
Daylight Savings Time	Check this box if you are in a location that uses DST.

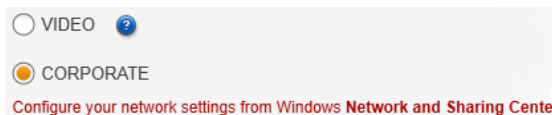
When finished, click **Next**.

5 Network Selection

The Network Selection screen provides two alternatives:



(This is the default setting)



Default Configuration - Use Video NIC for segregated camera network

Meridian is equipped with two NICs (Network Interface Cards) called 'Video' and 'Corporate'. The default configuration uses the Video NIC to provide a segregated network to which cameras and workstations are attached. The Corporate NIC is used to connect the Meridian Server to the user's regular IT network. This also allows Meridian workstations to reside on the corporate network.

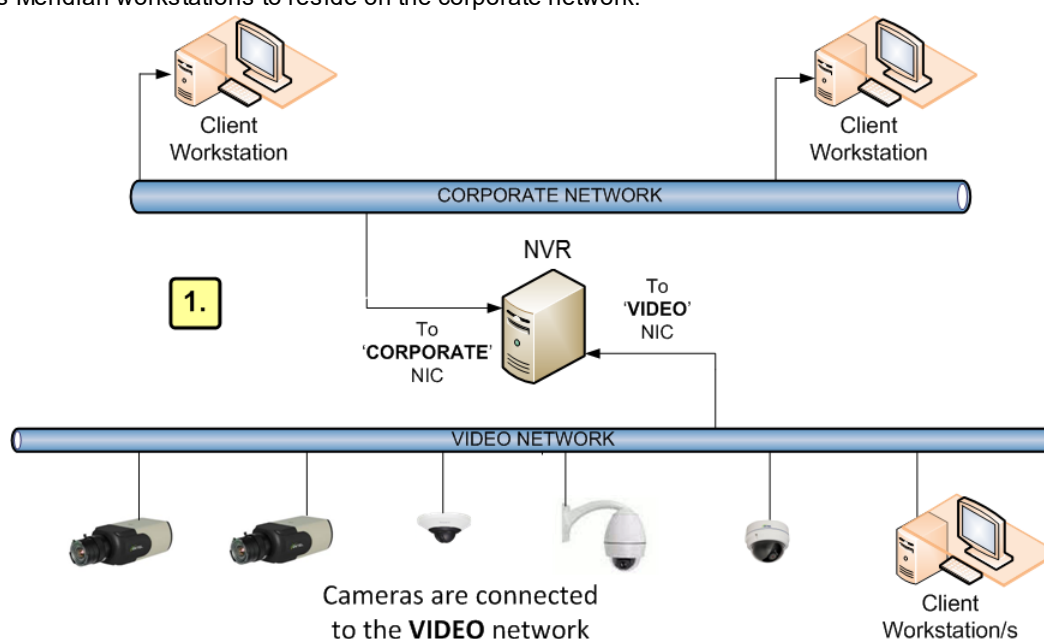


Figure 3: Default Network Selection – Cameras on Segregated network

To use this setup, leave the selection of the Video NIC unchanged, click **Next**, and proceed to the **Network Setup** step.

This configuration has the advantages that:

- DHCP can be used for automatic assignment of addresses on the segregated network to assist with camera auto-discovery, without this affecting addresses of components on the corporate IT network. This gives a 'plug and play' capability for attaching cameras to the system.
- All (or at least most) of the high amount of video traffic generated by the cameras and workstations is kept separate from the corporate IT network.
- It is much more difficult for the video signals to be accessed or interfered with from outside.

Notes:

1. When using DHCP to assign addresses to your cameras, you should only power-on the cameras AFTER this setup Wizard is complete and the Meridian software is running.
2. Cameras connected to the corporate network may be used, but these must be set up manually – Meridian's auto-discovery will not find them.

Alternative Configuration – Camera and Workstation settings done through Windows Network and Sharing Center

This setting may be used when the user wishes to set up cameras (and workstations) on the existing corporate network, without using the system's auto-addressing and plug-and-play facilities.

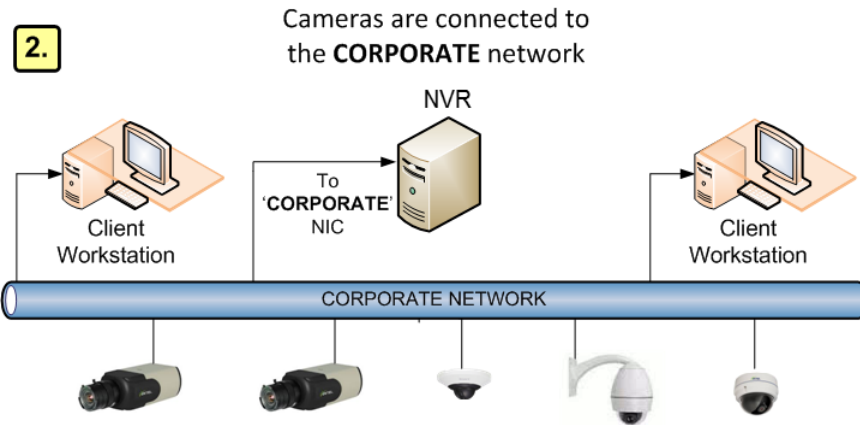


Figure 4: Alternative Configuration – Camera and Workstation settings done through Windows Network and Sharing Center

To use this setup, select the **Corporate** option in the Network Selection screen, and click **Next**. No Network Setup screen is provided. Proceed to the **Video Standards** step.

Note: The Meridian Server Hostname is already set. The Meridian license is tied to the hostname, and therefore this hostname must not be changed, as this would require a new license.

Note: Older Meridian Hardware did not support a second NIC, and therefore the Network Setup step was not required.

6 Network Setup

Video Network Setup

If VIDEO was selected in the Network Selection step, the Network Setup screen is displayed.

Figure 5: Video Network Setup

1. DHCP

The Meridian Server can act as its own DHCP server. By selecting YES, the Meridian will automatically set IP addresses for cameras and client workstations that are connected to the VIDEO network.

Notes:

- i. The DHCP Server is configured to act ONLY on the VIDEO NIC.
- ii. If DHCP is chosen, it is recommended to have all cameras attached to the switch and powered up prior to completing the Wizard.



DHCP can change network addresses of devices on the network. If DHCP is in use, the user must take care that the Video network remains isolated from the user's Corporate network.

2. Setting up Network IP Address

The Video NIC of the Meridian Server is already set with a **default IP address** 192.168.50.10. If you want to change it, enter the IP address and Subnet mask in the corresponding fields.

Note: If the Meridian server is being launched in a staging environment, please set up the IP address and Subnet mask that will be used at the customer site.

Corporate Network Setup

If **CORPORATE** was selected in the Network Selection step, no Network Setup screen is provided. The IP setup must be performed through **Windows Network and Sharing Center**.

Note: The Meridian Server Hostname is already set. The Meridian License is tied to the hostname, and therefore the hostname must not be changed.

When finished, click **Next**.

7 Video Standards Setup

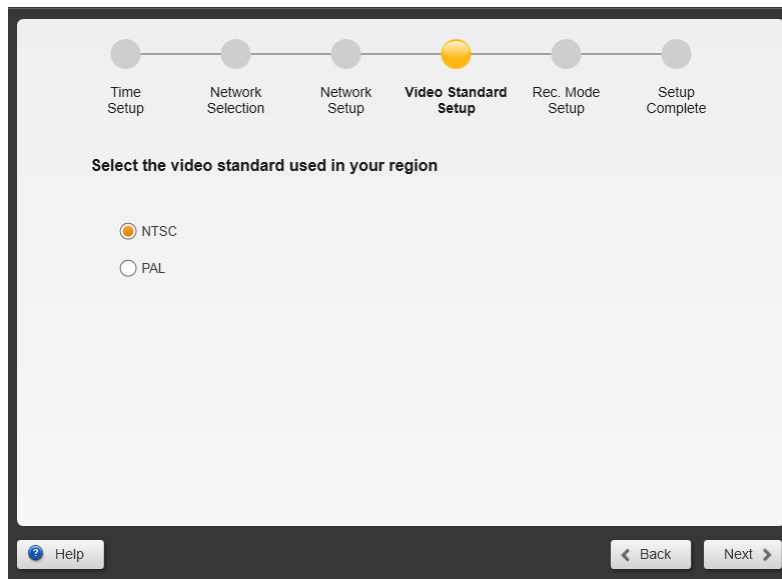


Figure 6: Video Standard Setup

Select the video standard used in your region: **NTSC** or **PAL**.
When finished, click **Next**.

8 Recording Mode Setup

The chosen Recording Mode will determine how the connected cameras are set to record when the Wizard is complete.

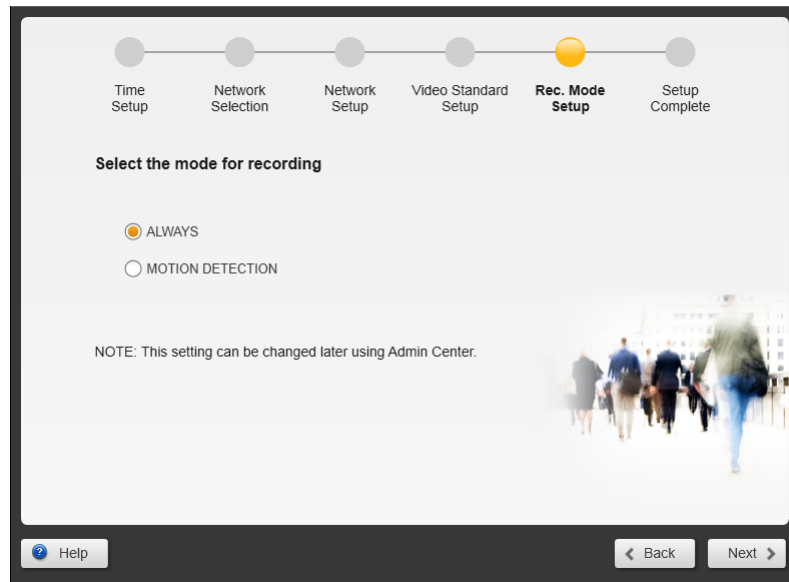


Figure 7: Recording Mode screen

Note: These settings can be changed at any time for each individual camera through the Meridian Admin Center

Always Recording

Cameras will record 24/7, using the video settings assigned to the camera, either **by default** or **as modified individually** by the user.

Motion Detection

Cameras will only record when they detect motion. The default motion recording settings are 30 seconds pre- and post-motion. This can be changed later on through the Meridian Admin Center.

Note: After launching the Meridian Admin Center, it is recommended that the user checks that the motion zone and motion settings (Sensitivity and Threshold), which the system set automatically, are suitable.

When finished, click **Next**.

9 Complete Setup Wizard

After completing all the Wizard steps, Wizard displays the **Setup Complete** screen.

Setup Complete

At this point, the user still has the option to return to any of the previous screens if any changes are required by using the **Back** button.

This screen also displays instructions for downloading the client software, if required.

Once all of the settings have been selected, click **Finish**.

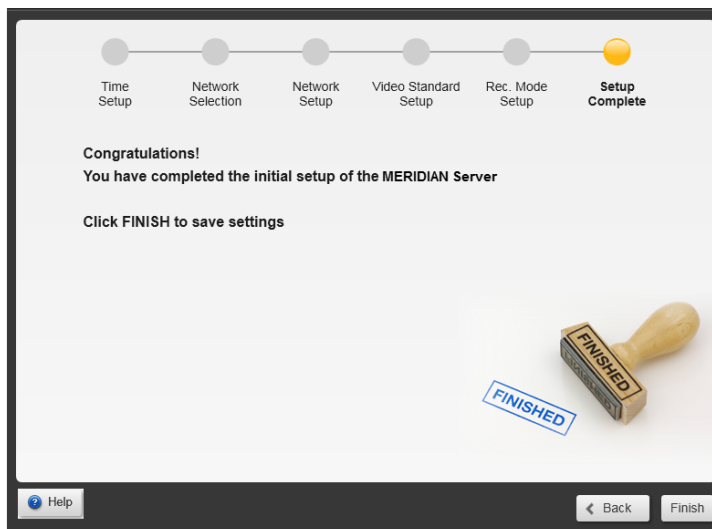


Figure 8: Setup Complete screen

The Setup Wizard will apply all the chosen parameters.

This process can take 2-3 minutes to complete.

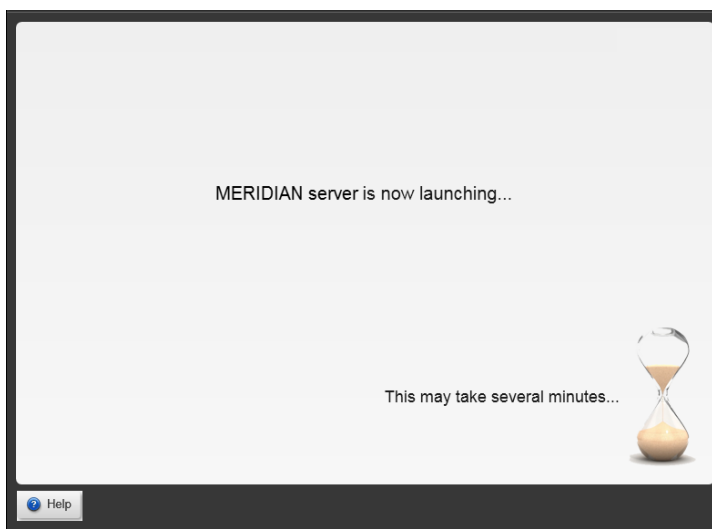


Figure 9: Launching Meridian screen

10 Launch

When the system is ready, the **Launch Completed** message is shown.

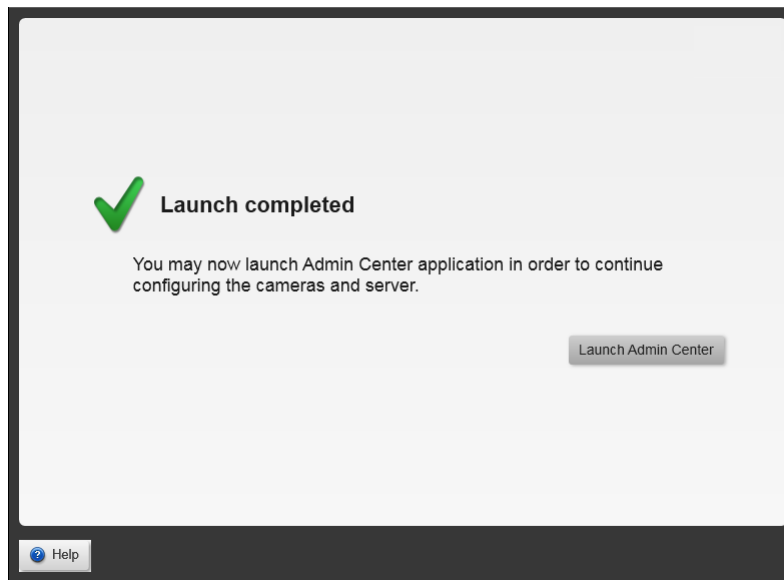


Figure 10: Launch Complete

Click **Launch Admin Center** to continue with the setup configuration.

11 Admin Center

The **Meridian Admin Center** allows the user to configure all aspects of the system.

To launch the Meridian Admin Center (if not already launched from the wizard), click on the application shortcut icon on the Desktop.



Figure 11:
Meridian Admin
Center Icon

11.1 Login Screen

 A screenshot of the Meridian Admin Center login screen. The background is dark gray. At the top, it says 'Welcome to Meridian' in white and orange. Below this are three input fields: 'User name' with 'admin' entered, 'Password' (empty), and 'Server IP / Hostname' with 'localhost' entered. A yellow 'Login' button is located at the bottom right.

Parameter	Notes
User name	'admin' is the user name for the default System Administrator user
Password	For first-time use, no password is defined. If desired, you can set a password from the Users page
Server IP / Hostname	Enter the Server IP address as set in the Initial Setup Wizard. If you did not change the IP address, the default is 192.168.50.10 or enter localhost .

Figure 12: Login Screen

When the user's credentials have been accepted, the **Meridian Admin Center** launches and displays the **Home** screen.

11.2 First Launch

When the user first logs into Meridian Admin Center for the first time after completing the Wizard, the system launches a screen with all of the current system information.

This shows the user how many cameras have been discovered during the wizard setup, the recording status of those cameras, the storage allocation and some default system information.

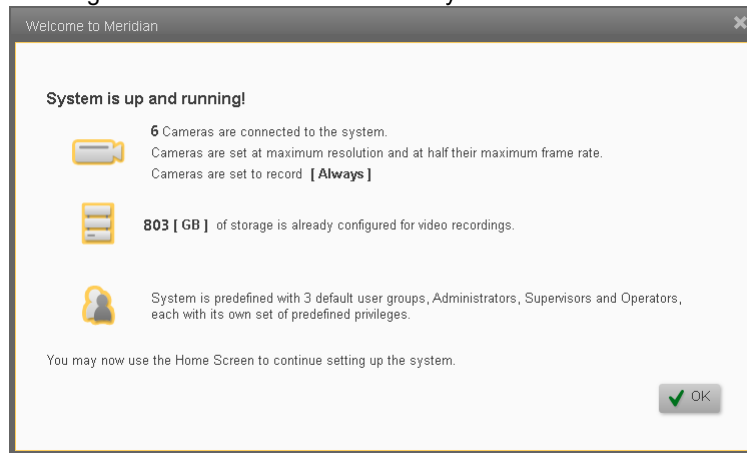


Figure 13: First Launch screen

11.3 Home Screen

The **Home Screen** automatically displays when the Meridian Admin Center launches. The user can navigate from the Home screen to any desired page and then return to it by clicking the Home button on the sidebar.

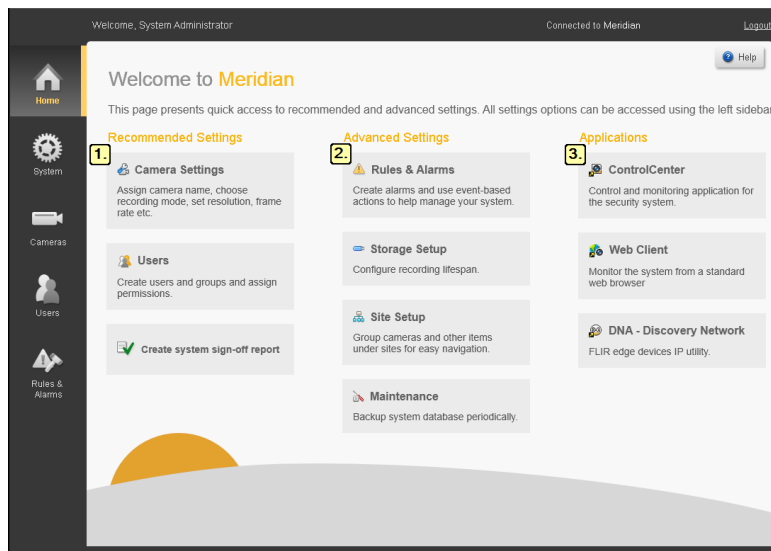


Figure 14: Home Screen

11.4 Admin Center Screen Layout

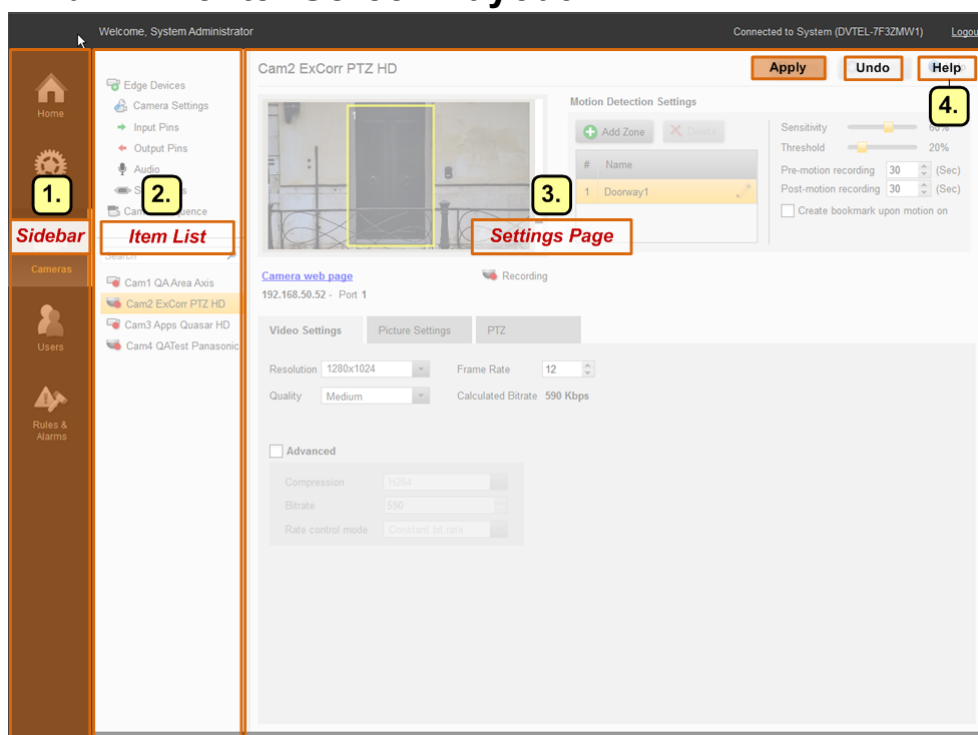


Figure 15: Admin Screen Layout

The Meridian Admin Center layout is divided roughly into 3 sections, the **Sidebar**, the **Item list** and the **Settings page**.

Field	Description
1. Sidebar	Home, System, Cameras, Users, Rules and Alarms - The Admin Center pages are grouped into categories. Clicking any of these in the sidebar will place a list of items associated with that category into the item list.
2. Item List	For any selected category in the Sidebar, the available items are listed. The required item can be selected and its name is then highlighted.
3. Settings Page	The layout of the settings page varies according to the selection made in the item list.
4. Help Button	The system has an extensive context-sensitive Help function. In any screen, clicking the 'Help' button opens a page of information about that screen, with specific information such as explanations about icons used, how to add, edit or delete entries, default values, cautions and notes where required

Users can return to the Admin Center at any stage and update the initial configuration as necessary.

As noted, extensive Help system is embedded within the application. Additionally, you can always access the DVTEL website to download and watch the various tutorials explaining about the Meridian product.

12 Disclaimer

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13 About This File

Welcome to the Meridian 9.0.0 First Time Configuration Wizard User Guide.

Note: Changes to this file were last introduced after Application Build No: 1600

Summary of latest changes:

Change	Date Changed	Summary	Links
Windows Login	May 2017	Password change	Initial Setup Wizard
Camera power-on	Nov 2016	Cameras to be addressed by DHCP should only be powered-on after Wizard is complete.	Network Selection
Network Setup	Oct 2016	New Meridian Hardware has 2 NICs, required Network Setup step.	Network Setup
File information	May 2016	This new topic was introduced so that users could see the file status and have a summary of relevant recent changes.	(This topic)
FLIR Branding	March 2016	The United VMS 7.0 suite was rebranded.	

Please note: This is not a formal Change Register - the list is included so that users can quickly access Topics that contain new or changed information.

Quick Links to key sections of the Help File:

Initial Setup Wizard	Time Setup
Network Selection	Network Setup
	Standards Setup
Recording Mode Setup	Complete Setup Wizard
	Launch

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