

MAXPRO® NVR Software Getting Started Guide

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Introduction

Welcome to your new Honeywell MAXPRO® NVR. This guide describes the MAXPRO® NVR Software product and explains how to install the MAXPRO NVR - Full Installation (Recording Engine and Local Monitoring Client) on a system that is designated as the server. Before installing your software, please read this guide carefully. For detailed installation steps, refer to the MAXPRO NVR Installation and Configuration Guide.

Overview

Honeywell's MAXPRO NVR Software is a flexible, scalable, and open IP video surveillance system. Supporting Honeywell's high definition (HD) cameras and broad integration with third party IP cameras and encoders, the MAXPRO NVR family is a powerful HD IP recording and security monitoring system for a variety of applications. MAXPRO NVR Software ensures flexibility for end-user IT departments when choosing NVR hardware for deploying a recording solution but end users will find it as easy as a DVR to configure and operate.

MAXPRO NVR Software is an open platform that supports broad third party device integrations with support for PSIA and ONVIF Profile S, real-time streaming protocol (RTSP) standard, and native device integrations. MAXPRO NVR provides easy-to-use desktop clients, Web Client, and mobile apps.

Minimum Hardware and Operating System Requirements

Install the Honeywell MAXPRO NVR Software on a system that is designated as the server and meets the minimum requirements.

Note For detailed minimum NVR server and client-only workstation specifications, refer to the MAXPRO NVR Software data sheet on the Honeywell website.

The minimum operating system requirement is Windows 7 Professional 32-bit/64-bit, Windows 8.1, Windows 10, Windows 2008 Server R2 SP1, or Windows Server 2012 R2.

Software Installation

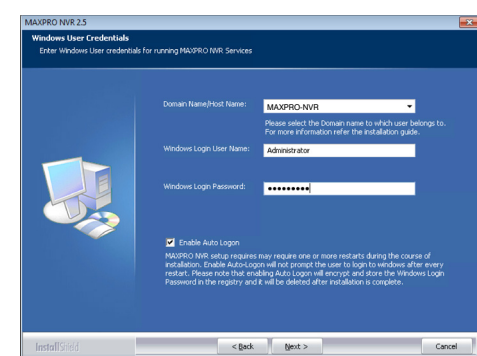
Recommended Partition Arrangement for NVR Server Honeywell recommends you create a separate partition of 50 GB or more for Metadata storage, preferably on the non-OS hard drive in the NVR Server system. During the software install, select a Metadata storage path to the Metadata partition just created (for example, M:\).

Preparation Close all other applications that might be open on your computer. Disable the following:

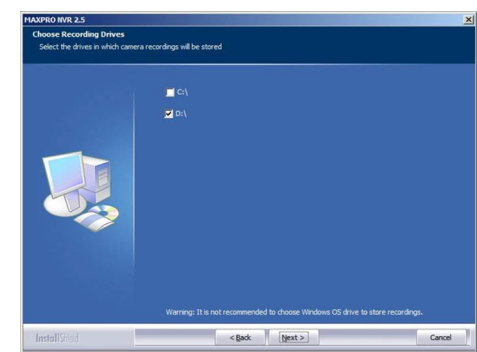
- Windows updates
- Scheduled Windows defragmentation
- Volume Shadow Copy
- Any antivirus software that might be running


Note You must have Windows Administrator privilege to install the software.

This procedure assumes this is a first time MAXPRO NVR Software installation.



1. Insert the MAXPRO DVD into the DVD-ROM drive. If Setup does not run automatically, browse to the setup folder on the DVD and double-click **Setup.exe**.
2. The Welcome screen appears. Except where indicated below, click **Next** after each screen to accept the defaults and proceed through the InstallShield Wizard.
3. On the Validation of User Credentials screen, select the appropriate computer name in the **Domain Name/Host Name** field. In the **User Name** and **Password** fields, type the Windows Administrator user name and password that were previously configured.
4. On the Installation Type screen, select the **Full Installation** radio button to install the NVR Server which includes all the MAXPRO NVR components. The Client Installation option installs only the MAXPRO NVR client components. It must be selected while installing MAXPRO NVR software on client-only workstations.
5. On the Database Server Login screen, click **Next** to accept the defaults. If you are installing MAXPRO NVR on a new computer that does not have Microsoft® SQL Server 2012 Express previously installed, you are prompted to install it. Click **Yes** to proceed and follow the on-screen instructions to finish installing SQL Server 2012 Express.



6. On the Choose Recording Drives screen, all the drives available are listed. Select the check box corresponding to the drives for which you want to use as video storage drives and click **Next**.
- CAUTION** It is recommended that you do NOT choose the operating system drive as a video storage drive. Selecting an operating system drive for video storage can lead to system instability and crash.
7. Select the languages in which you want to install MAXPRO NVR and then click **Next**.
 8. The Installation Summary screen appears. The approximate time for installing the prerequisites and MAXPRO NVR products displays. If you want to change any settings, click **Back**, else click **Next**.
 9. When the InstallShield Wizard Complete screen appears, click **Finish**.
 10. At the prompt, click **OK** to reboot the computer to have your settings take effect.
- After the installation is complete, a MAXPRO NVR icon  displays on the desktop.

Proceed to [Product Registration and Licensing](#).

Metadata and Database Backup

Honeywell recommends that you set up regularly scheduled Metadata and Database backups. For detailed information, refer to the Metadata and Database backup section of the MAXPRO NVR Installation and Configuration Guide.

Product Registration and Licensing

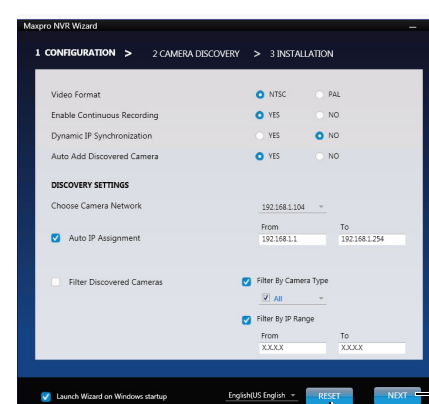
The MAXPRO NVR Software license has a 60-day activation period. Honeywell recommends that you register the product as soon as possible after installing it. For details on licensing your product, please refer to the *Order Information Letter* and the *Detailed Process for Licensing MAXPRO® NVR* enclosed with your software.



Honeywell IP Camera Configuration

Using the MAXPRO NVR Wizard (3 Clicks* to Live Video)

Note The setup wizard starts automatically but may take two minutes to initiate.



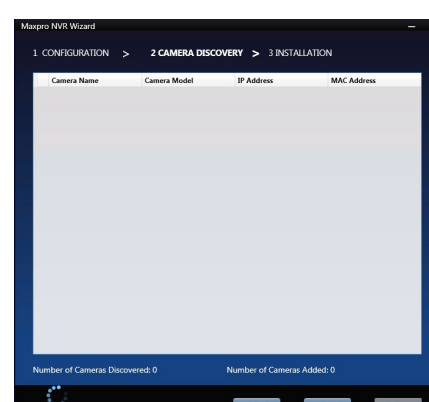
1. The CONFIGURATION dialog appears. When the network is ready (network icon in Windows tray), click **NEXT** to accept the default settings and proceed to CAMERA DISCOVERY.

To modify the settings for your unique system requirements, follow the table below. After initial setup, you can do this in the MAXPRO NVR client.

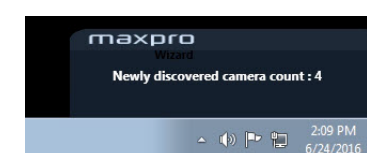
Field	Description
Video Format	NTSC, PAL
Enable Continuous Recording	Start recording as soon as the camera is added in MAXPRO NVR.
Dynamic IP Synchronization	NVR synchronizes any change in a device's IP address.
Auto Add Discovered Camera	Any newly connected device is automatically added to the Devices list.
Choose Camera Network	Choose your camera network.
Auto IP Assignment	Assigns a valid static IP address to the camera. Use only if you do not have a DHCP server and you want to assign an IP address in your computer network range.
Filter Discovered Cameras	Filter the discovered cameras based on the camera model and/or IP range.

Reset values without saving changes.

Proceed to CAMERA DISCOVERY.

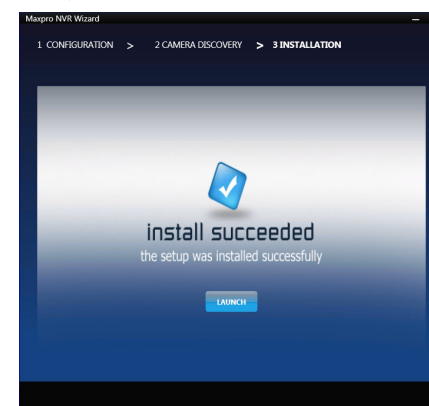


2. The CAMERA DISCOVERY window appears. Each newly connected camera is identified and an IP address is assigned to the camera by the Wizard, after which the camera reboots. It may take a few minutes before cameras are discovered and added. You will see a *Discovery in progress...* indicator as well as a pop-up message on the lower right of your monitor. Click **Done**.



Return to CONFIGURATION page.

Click only after all connected cameras are discovered and added.



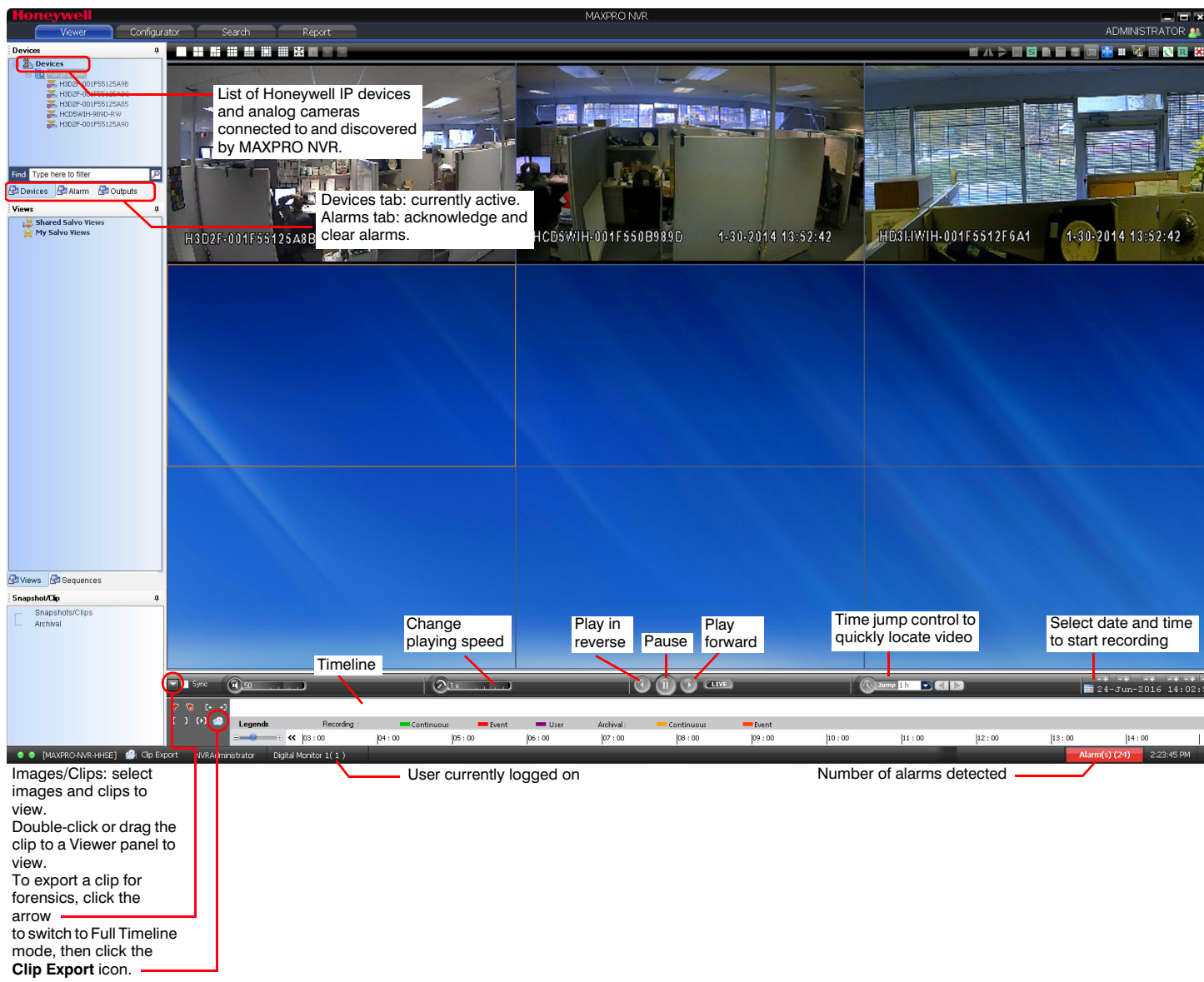
3. The INSTALLATION window appears. Click **LAUNCH** to start the MAXPRO NVR application. Proceed to [Live View](#). Only Honeywell IP cameras and HVE encoders (except Honeywell Performance Series and New equiP® Series IP cameras) are discovered and added in the MAXPRO NVR Wizard.

* 3 clicks for specific models with default settings and in a local area network.

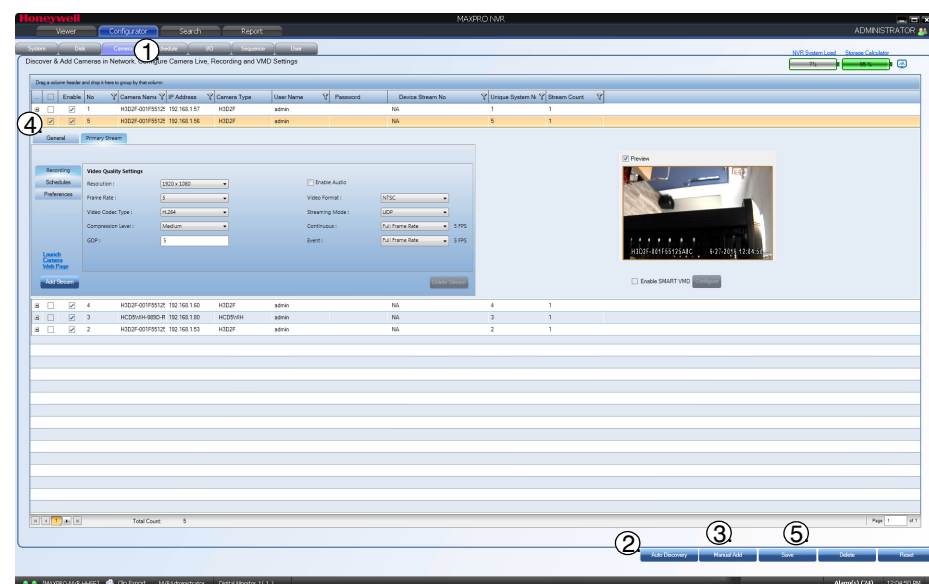


Live View

1. Please wait while the system logs you on automatically as a Windows Logged-In User.
2. MAXPRO NVR launches and the Viewer tab displays (see below). To view video from cameras, double-click **MAXPRO NVR** in the Devices list to display video from all discovered cameras in the Viewer. You can also highlight and drag each camera into a panel.
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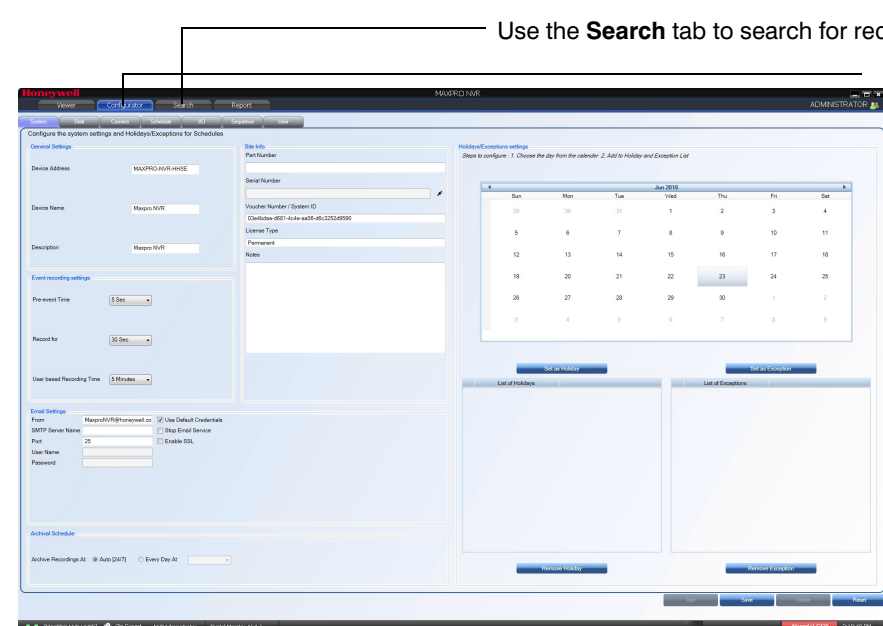


Third Party Device Configuration



1. On the **Configurator** tab, click the **Camera** tab.
2. Click **Auto Discovery** (Auto Discovery) to automatically discover the connected IP cameras in the subnet.
3. Click **Manual Add** (Manual Add) to manually add the IP device to the Camera list. Enter the device's IP address into the field and ensure that the user name and password listed for the new camera match the user name and password of that camera.
4. To change the default parameters of a camera, select it and then click at the beginning of the camera line to open the camera advanced settings pane where you can modify the settings as required.
5. Click **Save** for your new settings to take effect.

Additional Configuration



Use the **Configurator** tab to configure video devices and set up your MAXPRO NVR system.

Configurator tab sub-tabs:

System: System information, event recording, email, archival schedule, holiday/exceptions for schedules.

Disk: Configure and monitor video storage hard drives.

Camera: Discover and add network cameras, live camera configuration, recording, video motion detection.

Schedule: Set recording schedules configuration.

I/O: Configure input and output for each camera.

Sequence: Select a sequence of cameras for live video.

User: Set user access and permission levels.



MAXPRO NVR Web Client

To access the Web Client, click on the MAXPRO NVR Web Client shortcut icon on the NVR desktop. Ignore the self signed certificate warning and click to proceed. Login to the Web Client with default Username: **admin** and Password: **trinity**.



More Information

MAXPRO NVR

Please refer to the appropriate user guide located on the software/documentation DVD or on the Honeywell product web site at www.honeywell.com/security.

The *MAXPRO NVR Operator's Guide* provides detailed information on:

- Monitoring a remote site from the desktop client.
- Using the multi-function Web Client, as well as other advanced features.
- Connecting to a MAXPRO NVR from an Apple® or Android™ mobile device.
- Remote live video viewing, searching for recorded video, taking snapshots for forensic purposes, and other daily tasks.

The *MAXPRO NVR Installation and Configuration Guide* provides detailed information on:

- Setting up the hardware for MAXPRO video management system server and client computer.
- Installing the software in a MAXPRO NVR server and client computer.
- Configuring the MAXPRO NVR to perform video surveillance.
- Adding and configuring third party cameras.
- Configuring system settings and schedules.
- Performing user administration.

Third Party Devices

A comprehensive list of all the third party devices supported by MAXPRO NVR is available on the product compatibility page: www.security.honeywell.com/hota/compatibility/index.html.



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