

VMAX ip PLUS™

9ch w/4 POE	12ch w/8 POE	16ch w/8 POE	16ch w/16 POE
DW-VP92T4P	DW-VP123T8P	DW-VP163T8P	DW-VP163T16P
DW-VP94T4P	DW-VP124T8P	DW-VP164T8P	DW-VP164T16P
DW-VP96T4P	DW-VP126T8P	DW-VP166T8P	DW-VP166T16P
	DW-VP129T8P	DW-VP169T8P	DW-VP169T16P
	DW-VP1212T8P	DW-VP1612T8P	DW-VP1612T16P



Username: **admin** Password: **no password**

WHAT'S IN THE BOX

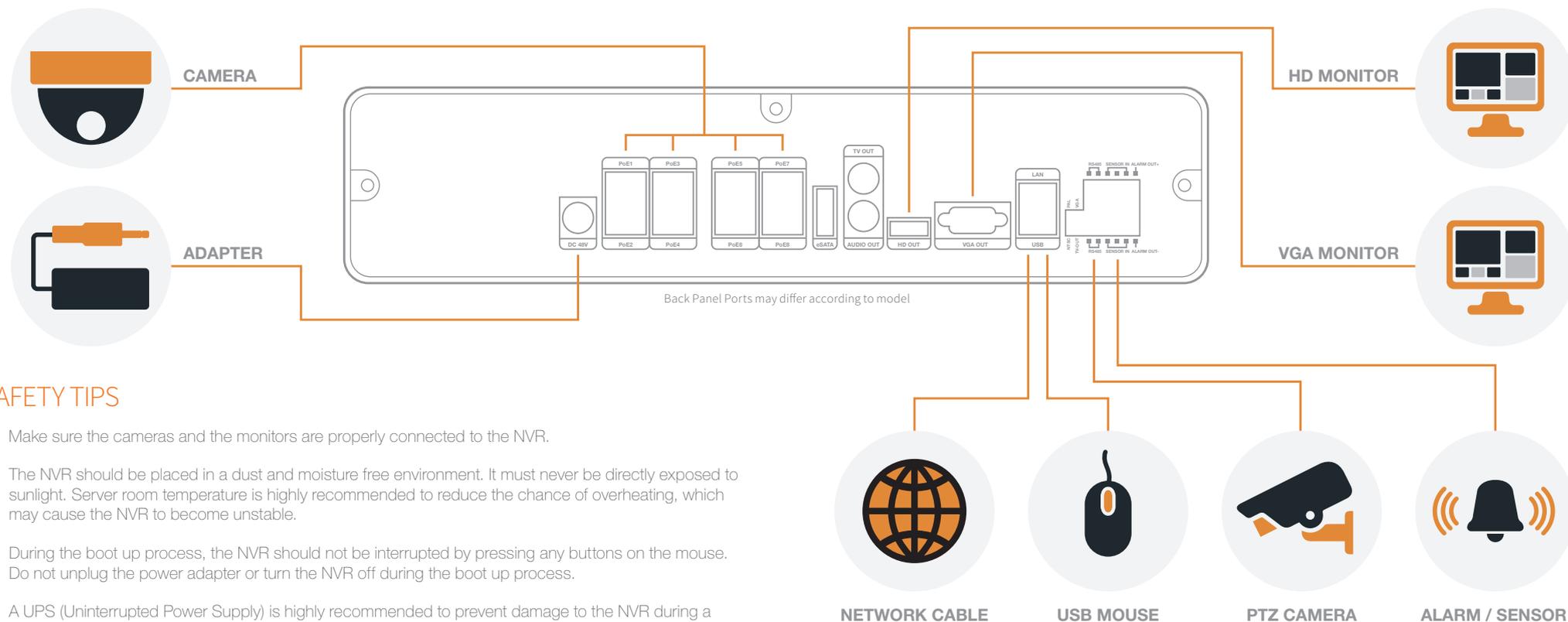
CD (QSG + Manual + Software) & Quick Start Guide		1 Set	48V D/C & Power Cable		1 Set
IR Remote Control		1 Set	Terminal Block and Rubber Mount		1 Pair (2 Pieces) 1 Set
USB Mouse		1 Set			

Model	Total PoE Power Budget	Max Power per Port
DW-VP9-4P	90.24Watt	15.4Watt
DW-VP12-8P	158.4Watt	15.4Watt
DW-VP16-8P		
DW-VP16-16P	200Watt	15.4Watt

Attention: This document is intended to serve as a quick reference page for initial set-up. It is recommended that the user read the entire instruction manual for complete and proper NVR usage.

Step 1 – CONNECTING THE NVR

1. Mount and install all necessary cameras and external devices. Refer to their individual manuals for additional information.
2. Place the NVR in its final position. See installation tips below.
3. Connect all necessary cables to the NVR
4. Once all additional devices have been properly connected to the NVR, connect the NVR to an appropriate power supply. The NVR will boot up automatically.

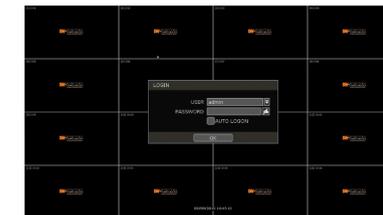


SAFETY TIPS

1. Make sure the cameras and the monitors are properly connected to the NVR.
2. The NVR should be placed in a dust and moisture free environment. It must never be directly exposed to sunlight. Server room temperature is highly recommended to reduce the chance of overheating, which may cause the NVR to become unstable.
3. During the boot up process, the NVR should not be interrupted by pressing any buttons on the mouse. Do not unplug the power adapter or turn the NVR off during the boot up process.
4. A UPS (Uninterrupted Power Supply) is highly recommended to prevent damage to the NVR during a power outage.

Step 2 – POWERING UP THE NVR

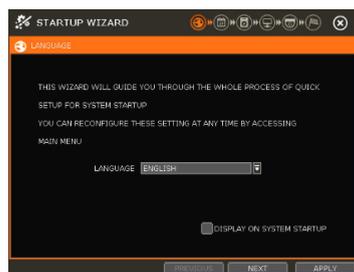
1. When the NVR boots up, it will be in protective mode. This means you will not be able to access the NVR's setup menu until you enter the proper username and password.
2. To unlock the NVR, right-click anywhere on the screen. The login screen will appear. (Default Username / Password: admin / no password)
3. When the NVR boots up for the first time, you will be guided through the Startup Wizard.



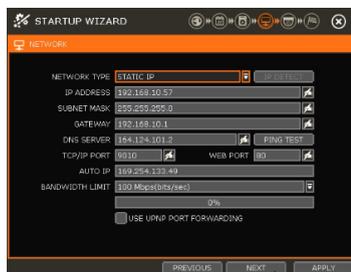
Step 3 – STARTUP WIZARD



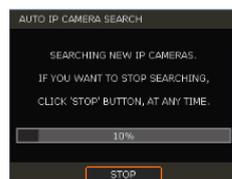
1. Follow the startup wizard's instructions to setup the NVR's basic settings, including language, date/ time, network and configure your cameras. At any time you can skip steps, go back, or exit the wizard and setup the NVR manually.
2. Language – Select the appropriate language from the drop-down menu options. Press Apply to Save and Next to move to the next step.
3. Set the NVR's date and time, including time zone, Daylight Savings and NTP Time Sync. If needed, set the NVR to sync its time automatically with an external NTP server. Select the server from the TIME SYNC MODE/CYCLE drop-down options and the sync interval. Press Apply to Save and Next to move to the next step.



4. Set the NVR's network settings to match your network's requirements. It is recommended to set the network type to DHCP and let the NVR auto-detect the network's settings, then change the type to Static. Please contact your Network Administrator for additional information. Press Apply to Save and Next to move to the next step.



5. The VMAX IP Plus' Camera Configuration screen allows you to detect all the cameras in your network and automatically add them to the NVR. Select one of the following options:
 - a. AUTO MANAGEMENT – The system will automatically scan the network and add the first cameras it detects to the NVR. Cameras connected directly to the NVR's PoE Switch will be assigned to channels automatically.
 - b. DRAG & DROP CONFIGURATION – The NVR will scan the network for all supported cameras and display them in a table. Select which cameras to add by click and hold the camera's name, and dragging it to the display area to its corresponding channel.



Step 4 – MONITOR YOUR SYSTEM

1. NAVIGATION – use the included USB mouse to navigate around the NVR's monitoring and Setup pages.

- a. To access the MENU BAR – move the mouse's cursor to the bottom of the display area to show the menu bar. You can also display it constantly by pressing the pin icon on the right side.
- b. To access the QUICK MENU OPTIONS – Right-click anywhere on the screen. This will take you to the quick menu options, which include:
 - Display Mode Options
 - Camera Control features such as Digital Zoom, Virtual PTZ and Camera Image Adjustment and Setup
 - Bookmark video
 - Instant Playback and Search
 - Recording and PoE status and analysis such as network and system monitoring
 - Access to the Main Menu



2. HELP – For your convenience, the HELP button located at the bottom right of setup screens includes basic information and explanation of the features and settings in that page, for on-the-go information.

Step 5 – REMOTE MONITORING

DDNS Setup

The DDNS address provides your NVR a URL address, easier to remember than an IP address. This is a free feature supported by Digital Watchdog for its customers.

1. Go to the Network setup menu, and select the 'DDNS' tab.
2. Check USE DDNS to enable. (Make sure the NVR's web port has been properly setup in your router).
3. Select DYNLINK.NET (default).
4. Enter a name for your NVR and click the CHECK button. If the name is available, the system will display the following message: "THIS NVR NAME CAN BE USED". Click SAVE to save all changes.
5. To use your DDNS, open an Internet Explorer page and enter the DDNS in the address bar: NVRname.dynlink.net:port-number. (example: http://vmaxipplus.dynlink.net:80)

