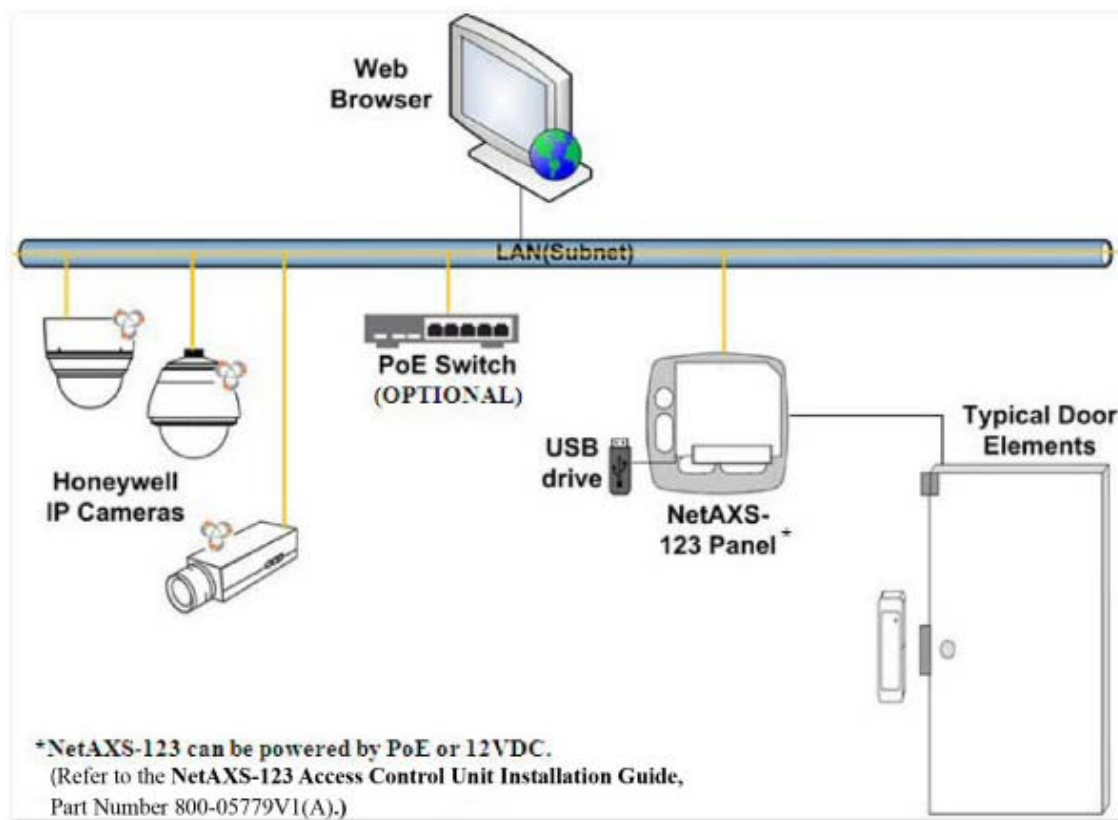**NetAXS-123 With Video I Frequently Asked Questions**

Use of the panel
Do I need a network to have NetAXS-123 with Video running?
Yes. Even though NetAXS-123 is a stand-alone web-based system, the video connections require a network (IP cameras) and should be connected and configured to the same subnet.

Does the Video functionality work on downstream panels?
No, The Video functionality only works on a NetAXS-123 panel that is connected to local network via the TCP/IP Ethernet port. The Video functionality can also not be triggered by events from downstream panels.

Activation and recording and of the Video functionality on NetAXS-123
How does the Video functionality gets activated?
The NetAXS-123 Panel must have the Firmware version 4.0.4 or higher with Operating System 2.6.25#107 Tue Jan 10 10:55:47 CST 2012. If the panel does not have this firmware the Product CD that is delivered with the NX123VIDE product contains the appropriate firmware and instruction to update your NetAXS-123 panel.
The Honeywell NX123VIDE USB stick must be inserted in the USB port of the NetAXS-123 via the USB adapter cable (please insert when the panel is not powered).
The NetAXS-123 panel must be on a network with the same subnet as the cameras and the laptop / computer viewing the NetAXS-123 panel.

Can I use a different USB stick than the Honeywell NX123VIDE USB stick?
No. the Honeywell NX123VIDE USB stick contains the license to activate the video functionality on the NetAXS-123 panel. Also provides this USB stick 64GB of memory to record the video clips.

Cameras
Which cameras can I connect?
All Honeywell Performance IP series and below equIP IP series cameras (720p and WDR included)

Performance Series IP Cameras	
HD44IPX	Indoor, H.264, Day/Night, PAL - VGA
HD54IPX	Indoor/Outdoor, H.264, Day/Night, PAL – VGA
HD55IPX	Indoor/Outdoor HD 720p (1280x720), H.264, Day/Night, PAL
HD45IPX	Indoor HD 720p (1280x720), H.264, Day/Night, PAL
equIP® IP Cameras	
HD3MDIHX	Indoor HD 720p, H.264, 3.3-12 mm VFAI, True Day/Night, 24 VAC or PoE IEEE 802.3af, PAL
HD4MDIHX	Indoor/Outdoor HD 720p, H.264, 3.3-12 mm VFAI, True Day/Night, 24 VAC or PoE IEEE 802.3af, PAL
HCD5MIHX	Box, HD 720p, H.264, True Day/Night, 24 VAC or PoE IEEE 802.3af, PAL
HD3MWIHX	Indoor, Wide Dynamic 720p, H.264, 3.3-12 mm VFAI, True Day/Night, 24 VAC or PoE IEEE 802.3af, PAL
HD4MWIHX	Indoor/Outdoor, Wide Dynamic 720p, H.264, 3.3-12 mm VFAI, True Day/Night, 24 VAC or PoE IEEE 802.3af, PAL
HCD5WIHX	Box, Wide Dynamic 720p, H.264, True Day/Night, 24 VAC or PoE IEEE 802.3af, PAL

How many cameras can I connect?
You can connect up to 252 cameras on the same subnet, when using 1 NetAXS-123 panel.
The cameras will be automatically detected by the NetAXS-123 panel and listed in the menu.
In the configuration you can select up to 12 cameras to view live and select another 3 cameras to record.
Cameras may be selected for live view and recording simultaneously.

What can I configure the cameras after auto detection?
Sraight from the NetAXS-123 web interface, NetAXS-123 can set the IP address to the cameras once it is discovered and can configure recording settings for the cameras.
Other camera setting may be done using the web interface of the IP cameras, clicking the link right from the web interface.

Combine NetAXS-123 Video functionality with additional NVR
Can I connect the IP cameras to both NetAXS-123 with Video and an additional NVR that can record continuously?
The advice is not to do this. NetAXS-123 Video functionality uses the primary stream only. An NVR can also connect to the same primary stream simultaneously, however NetAXS-123 pushes the bit rate, the frame rate and resolution, which will affect the recording accuracy of the NVR.

Live View
How many cameras can I view from the NetAXS-123 web interface?
Up to 4 cameras can be viewed in a quad view or 2 x 2 salvo in the NetAXS-123 web interface. The 4 cameras can be selected from the up to 12 configured cameras for live view.
Double click on one of the camera images will create a full view of that image.

NetAXS-123 With Video I Frequently Asked Questions

Recording
How many cameras can I record?
You can record up to 3 cameras. The cameras are selected in the configuration page.
The recording is event driven, not continuous.

Which recording resolution is supported?
The Video functionality supports:
CIF   320 X 192 pixels
VGA   640 X 368 pixels
WVGA 800 X 448 pixels
720p   1280 X 720 pixels

How does the NetAXS-123 with Video record a camera image?
NetAXS-123 with Video records event driven video clips.
An event in NetAXS-123 triggers a camera to start to record a video clip. This event can be a door event (access control event, card event) or an input event (push button, door status, Passive Infrared).
The length of the video clip has a maximum length of 60 seconds. The video clip can record up to 15 seconds before the event trigger (pre record time).
The camera needs to be set up in a recording rule, specifying the event, the trigger, clip length and pre recording time.

Can I record multiple cameras on one NetAXS-123 event?
Yes, if you set up up to 3 recording rules per event, you are able to record up to 3 cameras per event. You can then set up a camera looking at the event itself (e.g. a door) and simultaneously record an overview camera and an outdoor camera. All cameras can record with individual pre recording time and clip length.

How can I view the recorded video clips?
For any video related event will show up on the event or alarm list, simply click on the playback button and the play back of the clip will start.

How many clips can I record on the USB stick?
The NetAXS-123 panel has an event memory of 25,000 events.
The NX123VIDE USB has a 64GB memory which can contain per indication:
25,000 clips: 30 seconds clip length, VGA resolution, 5 frames per second (fps)
12,500 clips: 30 seconds clip length, 720p resolution, 1 frame per second (fps)

Export the Video clips
In which format can I export the video clips?
The Video Clips are exported in an AVI format. This format can be played in Windows Media Player 9 and 12.
A Codec – in order to play and export the video clips - needs to be installed. This Codec is available on the Product CD in the NX123VIDE package (Xvid-1.3.2-20110601)

Can I get authentic or watermarked video from NetAXS-123?
No, this is not possible to export in authenticated or watermarked format to prove that the video clip is not tampered with. Only an export in open .AVI format is possible.

Web Connection
Default connectivity logging on the system
Connected to the TCP/IP network cable, by default use internet address in web browser address line
https://192.168.1.150
Default administrator logon in English:
– User name: admin
– Password: admin

In what languages does the web interface come in?
All panels will come with default user/password admin/admin, which defaults to English
In menu Web user, you can change the language setting to Dutch, French, Spanish, Italian, Czech, Russian, Danish, Portuguese, Chinese or Arabic per user (also admin).

Is connecting to a web server save?
Yes, NetAXS' embedded LINUX Web Server enables High-Security with SSL* and SHA-1 Level Encryption.
Unique User name and Passwords are required to log on.
NetAXS also withstands open-port and denial of service attacks.
*Secure Socket Layer for Internet security

Which browsers are supported for NetAXS-123 With Video?
Internet Explorer 6.0, 8.0 and 9.0 are supported. Due to the ActiveX components that will be auto installed for the cameras, the Internet Explorer browsers are the only web browsers supported.

Is a static IP address required?
Yes it is required.

Compatibility
Is NetAXS-123 compatible with WIN-PAK™?
Yes, as July 2012 NetAXS-123 is natively and fully compatible with WIN-PAK XE, WIN-PAK SE 3.0 and WIN-PAK PE 3.0 (build 670.16)

Is NetAXS-123 Video functionality compatible with WIN-PAK™?
No, the NetAXS-123 Video functionality is not compatible with WIN-PAK. Connecting a NetAXS-123 with Video to WIN-PAK will disable the video functionality.
However the access control functionality will remain compatible. As of July 2012 NetAXS-123 is natively and fully compatible with WIN-PAK XE, WIN-PAK SE 3.0 and WIN-PAK PE 3.0 (build 670.16)

Is NetAXS-123 compatible with Pro-Watch®?
As of Q4-2012, NetAXS-123 is not compatible with Pro-Watch®.