

# INTELLINET Network Cameras – Access to Video Streams

## V. 1.01 (December 2010)

This document describes the different way of getting to the video stream of the INTELLINET network camera product line. The following models are described in this document:

### 1. 1.3 Megapixel Cameras with H.264 / MPEG4 / MJPEG Support

- a. 551083 NSC16-WG Megapixel Network Camera (WLAN)
- b. 551021 NFC31 Megapixel Network Camera
- c. 551038 NFC31-WG Megapixel Network Camera (WLAN)
- d. 551045 NFC31-IR Megapixel Night-Vision Network Camera
- e. 551052 NFC31-IRWG Megapixel Night-Vision Network Camera (WLAN)

### 2. VGA Cameras with MPEG4 and MJPEG Support

- a. 524421 NSC15 Network Camera
- b. 550901 NSC15-WG Network Camera (WLAN)
- c. 550949 NFC30 Network Camera
- d. 550956 NFC30-WG Network Camera (WLAN)
- e. 550963 NFC30-IR Night-Vision Network Camera
- f. 550970 NFC30-IRWG Night-Vision Network Camera (WLAN)
- g. 550932 NBC30-IR Outdoor Night-Vision Network Camera
- h. 550987 NFD30 Network Fixed Dome
- i. 550994 NVS30 Network Video Server



### 3. 1.3 Megapixel Pan/Tilt Camera NSC18-WN 550857

The product line overview is available at <http://www.networkipcamera.com>.

#### Basics:

##### 1.3 Megapixel H.264 cameras

These cameras support 5 different URLs to the various video streams, three of which are RTSP streams. Port 554 is the default port. It can be changed in the camera settings to values: 554 and 1024 ~ 65535.

##### a) H.264 Stream

rtsp://camera\_address:554/video.h264

rtsp://admin:admin@camera\_address:554/video.h264

##### b) MPEG4 Stream

rtsp://camera\_address:554/video.mp4

rtsp://admin:admin@camera\_address:554/video.mp4

##### c) M-JPEG Stream

rtsp://camera\_address:554/video.mjpg

rtsp://admin:admin@camera\_address:554/video.mjpg

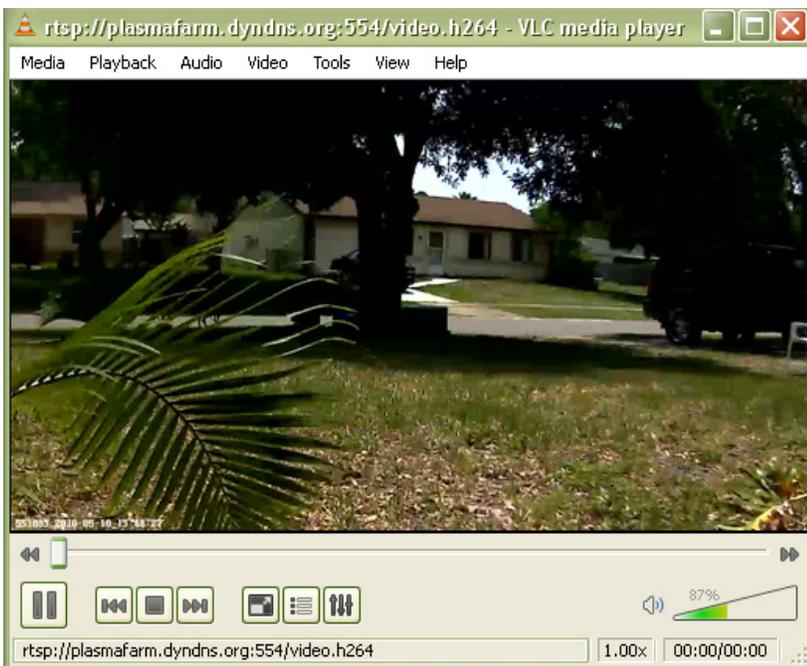
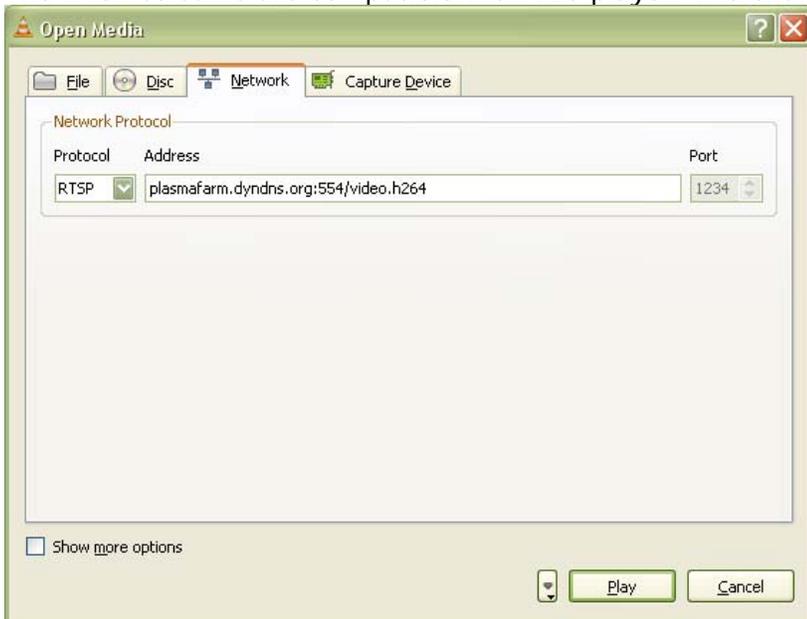
In addition, there are two URLs that return a snapshot. Port 80 is the default HTTP Server port of the camera. It can be changed in the camera settings to values 554 and 1024 ~ 65535..

d) [http://camera\\_address:80/jpg/image.jpg](http://camera_address:80/jpg/image.jpg)

e) [http://camera\\_address:80/cgi-bin/jpg/image](http://camera_address:80/cgi-bin/jpg/image)

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The RTSP streams are compatible with VLC player. The example below shows the H.264 stream.



Live Demo URLs:

<http://551083.networkipcamera.com:554/video.h264>  
<http://551083.networkipcamera.com:554/video.mp4>  
<http://551083.networkipcamera.com:554/video.mjpg>  
<http://551083.networkipcamera.com/jpg/image.jpg>  
<http://551083.networkipcamera.com/cgi-bin/jpg/image>

(Should these links not work, please contact us)

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### VGA Cameras with MPEG4/M-JPEG

These cameras support video access via HTTP as well as RTSP.

a) MPEG4 via RTSP (also VLC compatible)

rtsp://camera\_address:554/video.mp4

rtsp://admin:admin@camera\_address:554/video.mp4

b) MJPEG via HTTP

http://camera\_address:80/video.mjpg

http://admin:admin@camera\_address:80/video.mjpg

Also supported are the snapshot URLs

c) [http://camera\\_address:80/jpg/image.jpg](http://camera_address:80/jpg/image.jpg)

d) [http://camera\\_address:80/cgi-bin/jpg/image](http://camera_address:80/cgi-bin/jpg/image)

Live Demo URLs:

<http://550949.networkipcamera.com:8082/video.mp4>

<http://550949.networkipcamera.com:80/video.mjpg>

<http://550949.networkipcamera.com:80/cgi-bin/jpg/image>

<http://550949.networkipcamera.com:80/jpg/image.jpg>

(Should these links not work, please contact us)

### 1.3 Megapixel Pan/Tilt Camera NSC18-WN 550857

These cameras support video access via HTTP. In addition, you can also control the Pan/Tilt via remote CGI calls.

a) MJPEG via HTTP

[http://camera\\_address:80/mjpg/video.mjpg](http://camera_address:80/mjpg/video.mjpg)

b) Snapshot URL:

[http://camera\\_ip:80/loginfree.jpg](http://camera_ip:80/loginfree.jpg)

PTZ Command - Control movement manually:

[http://camera\\_ip:80/camera-cgi/com/ptz.cgi?move=xxxxxx](http://camera_ip:80/camera-cgi/com/ptz.cgi?move=xxxxxx)

xxxx parameter:

up, down, left, right, upleft, upright, downleft, downright

Returns: OK

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PTZ Command - Recall PTZ Presets

[http://camera\\_ip:80/camera-cgi/com/ptz.cgi?gotoserverpresetIndex=yy](http://camera_ip:80/camera-cgi/com/ptz.cgi?gotoserverpresetIndex=yy)

yy = preset number, e.g., 1, 2, 3 or 7.

Returns: OK