

How to configure the ZNS-NVR on Windows 7 so that MPx cameras, using the MP100 Megapixel Camera Setup program, can be found.

Sometimes on Windows 7, when there is no gateway set on a Network Interface Card (NIC), the Cameras' or Add-On NIC needs to have it's status changed from "Unknown public network" to "Private Work Network." Do the following setup to accomplish this:

After the Client's or On-Board NIC is configured to access the Internet from the Add-On NIC's IPv4 Internet properties:

- Set Gateway to the first IP camera's IP address,
- then set the DNS to the ZNR Server's Client Connection IP address,
- and then set the Metric, in Advance, to 254 by first unchecking "Automatic metric".

For example:

Client NIC (connected to Company Network)	Camera NIC (connected to Camera Network)
IP Address: 172.16.83.16	IP Address: 192.168.37.16
Subnet Mask: 255.255.255.0	Subnet Mask: 255.255.255.0
Gateway: 172.16.83.1	Gateway:
-	1 st Camera's IP Address: 192.168.37.64

neral		IP Seconds DNS WINS	
ou can get IP settings assigned	automatically if your network supports	IP addresses	
this capability. Otherwise, you need to ask your network administrator		IP address	Subnet mask
si che appropriate il settings.		192.168.37.16	255.255.255.0
Obtain an IP address autom	natically		
Use the following IP addres:	s:	Ad	d Edit Remove
IP address:	192 . 168 . 37 . 16		
S <u>u</u> bnet mask:	255 . 255 . 255 . 0	Default gateways:	
Default gateway:	192 . 168 . 37 . 64	Gateway	Metric
		192.168.37.64	Automatic
Obtain DNS server address	automatically	-	
Use the following DNS serve	er addresses:	Ad	Įd Edi <u>t</u> Re <u>m</u> ove
Preferred DNS server:	172 . 16 . 83 . 16		
Alternate DNS server:		Automatic metric	
		Interface metric: 254	
📰 Validate settings upon exit	Advanced		
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After saving these settings, Windows 7 will probably create a Connection 3 for the Camera NIC. Select "Work Network" when Windows 7 asks.

If the cameras are still not getting found or the auto IP is giving the wrong addresses from the wrong NIC, try temporally setting the Internet/Client/Wireless NIC's Metric to 253 and the Camera NIC to automatic.

