

Setting Up TP-Link Routers for a NVR

Setup

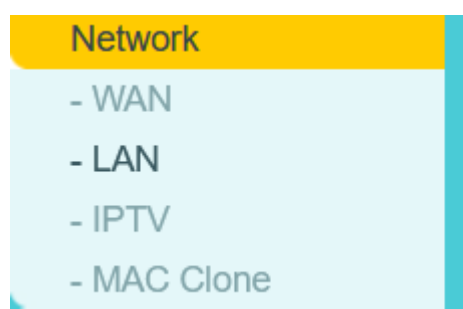
Log in to the router via 192.168.0.1.

You can open a CMD command and type IPCONFIG, look for your gateway IP

Create a password for the TP-Link.

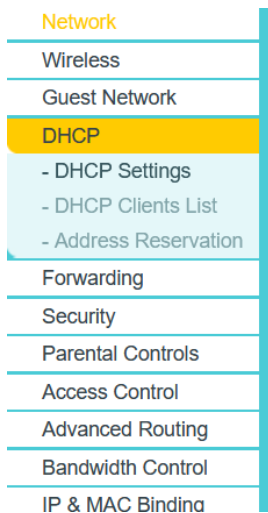
LAN and DHCP Settings

If the NVR is on a 192.168.1 network, go to the network LAN settings and change the IP address to 192.168.1.1, or use the [SADP](#) tool to change the IP address to 192.168.0.200.



MAC Address:	<input type="text" value="08:00:27:00:00:00"/>
IP Address:	<input type="text" value="192.168.1.1"/>
Subnet Mask:	<input type="text" value="255.255.255.0"/>

It's a good idea to change the DHCP settings to a range that starts at 192.168.X.2 and ends at 192.168.X.240. This change is necessary because some TP-Link routers may have issues with static IP addresses that don't fall within the specified range, causing problems with identifying the DHCP client list and UPnP.



DHCP Server: ☐ Disable ☒ Enable

Start IP Address:

End IP Address:

Lease Time: minutes (1~2880 minutes, the default value is 120)

Default Gateway: (optional)

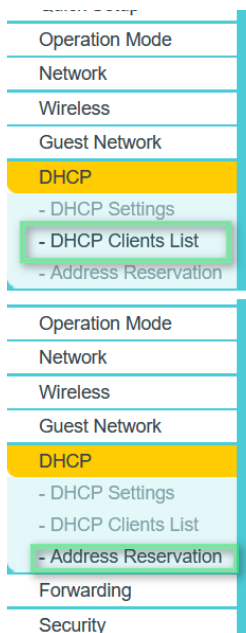
Default Domain: (optional)

DNS Server: (optional)

Secondary DNS Server: (optional)

Save

If you're using DHCP on the NVR for any reason, please go to the DHCP client list, copy your MAC address, and head to Address Reservation. Paste it in to ensure that the device will always have the given IP address, even in DHCP mode.



DHCP Clients List

This page displays information of all DHCP clients on the network.

ID	Client Name	MAC Address	Assigned IP	Lease Time
1	Unknown	00:1E:8F:F9	192.168.1.100	01:32:45
2	Unknown	E0:63:2F:3B	192.168.1.102	01:33:51

DHCP Address Reservation

The static IP address of the DHCP Server can be configured on this page.

MAC Address:

IP Address:

Status:

Save Back

UPNP and Port Forwarding

Verify that UPnP is running by going to Forwarding > UPnP. You should see a list of devices and ports.

DHCP
Forwarding
- Virtual Server
- Port Triggering
- DMZ
- UPnP

Current UPnP Settings List						
ID	App Description	External Port	Protocol	Internal Port	IP Address	Status
1	DVR_NVR PORT MAP	9000	TCP	9000	192.168.1.104	Enabled
2	DVR_NVR PORT MAP	8000	TCP	8000	192.168.1.104	Enabled
3	DVR_NVR PORT MAP	554	TCP	554	192.168.1.104	Enabled
4	DVR_NVR PORT MAP	443	TCP	443	192.168.1.104	Enabled

Remote Managment

Depending on your router, go to Security > Remote Management and set the HTTP Port to 22000 and the Remote Management IP address to 255.255.255.255.

Operation Mode
Network
Wireless
Guest Network
DHCP
Forwarding
Security
- Basic Security
- Advanced Security
- Local Management
- Remote Management

Remote Management

Web Management Port:

22000

Remote Management IP Address:

255.255.255.255

(Enter 255.255.255.255 for all)

Save

Dynamic DNS
IPv6 Support
System Tools
- Time Settings
- LED Control
- Diagnostic
- Firmware Upgrade
- Factory Defaults
- Backup & Restore
- Reboot
- Administration

Service Configuration

	HTTP Service	HTTPS Service	Available Host
Local Management	Port: 80	Enable <input type="checkbox"/> Port: 443	<div>ALL <input checked="" type="checkbox"/> Or only Host PC Mac: 00-00-00-00-00-00</div> <div>Your PC's MAC Address: a0-c5-89-a1-8a-56 <input type="button" value="select"/></div>
Remote Management	Port: 22000	Port: 443	<div>IP Address: 255.255.255.255 (Enter 255.255.255.255 for all)</div>

Save

Dynamic DDNS

Head over to Dynamic DNS and enter your DDNS settings. If you're using groups, please use the format "Username: Company Name."

Status
Quick Setup
Operation Mode
Network
Wireless
Guest Network
DHCP
Forwarding
Security
Parental Controls
Access Control
Advanced Routing
Bandwidth Control
IP & MAC Binding
Dynamic DNS
IPv6

DDNS Settings

Service Provider:

No-IP (www.noip.com) ▾

[Go to register...](#)

Domain Name:

domain.securedv.net

Username:

User:securedv

Password:

●●●●●●●●

Enable DDNS:

☒

Connection Status:

Success

LoginLogout

Save

Go to [canyouseeme.org](#) and test all your ports.