

Инструкция по настройке TP-LINK TD-W8960N для MEGALINE и IDTV

Device Info
Quick Setup
Advanced Setup
Wireless
Diagnostics
Management

Device Info

Version Info

Firmware Version:	1.1.2 Build 130205 Rel.65015_beta
Hardware Version:	TD-W8960N V4 0x00000001
System Running time:	0Day(s) 01:59:45

LAN Info

LAN IP Address:	192.168.1.1
LAN MAC Address:	f8:1a:67:42:da:ab

ADSL Info

инструкции, рекомендации, решения

Line State:	Down
Line Rate - Upstream (Kbps):	0
Line Rate - Downstream (Kbps):	0

Internet Info

Notice:	There is no Route Interface.
Shortcut:	Click here to do Quick Setup. Click here to view all WAN interface's status and troubleshooting information.

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Advanced Setup
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• WAN Service
• MAC Clone
• LAN
+ NAT
+ Security
+ Parental Control
+ Quality of Service
+ Bandwidth Control
+ Routing
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• Interface Grouping
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Wide Area Network (WAN) Service Setup

Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	Vlan8021p	VlanMuxId	Igmp	NAT	Firewall	Remove	Edit
atm0.1	br_0_0_32	Bridge	N/A	N/A	Enabled	Disabled	Disabled	<input checked="" type="checkbox"/>	Edit
atm1.1	br_0_1_33	Bridge	N/A	N/A	Enabled	Disabled	Disabled	<input checked="" type="checkbox"/>	Edit
atm2.1	br_0_0_35	Bridge	N/A	N/A	Enabled	Disabled	Disabled	<input checked="" type="checkbox"/>	Edit
atm3.1	br_0_0_100	Bridge	N/A	N/A	Enabled	Disabled	Disabled	<input checked="" type="checkbox"/>	Edit
atm4.1	br_0_8_35	Bridge	N/A	N/A	Enabled	Disabled	Disabled	<input checked="" type="checkbox"/>	Edit
atm5.1	br_0_8_81	Bridge	N/A	N/A	Enabled	Disabled	Disabled	<input checked="" type="checkbox"/>	Edit
atm6.1	br_0_0_200	Bridge	N/A	N/A	Enabled	Disabled	Disabled	<input checked="" type="checkbox"/>	Edit

Add Remove All Remove

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- Wireless

DSL ATM Interface Configuration

Choose Add, or Remove to configure DSL ATM interfaces.

Interface	Vpi	Vci	Link Type	Encapsulation	Category	Peak Cell I
atm0	0	32	EoA	LLC	UBR	
atm1	1	33	EoA	LLC	UBR	
atm2	0	35	EoA	LLC	UBR	
atm3	0	100	EoA	LLC	UBR	
atm4	8	35	EoA	LLC	UBR	
atm5	8	81	EoA	LLC	UBR	
atm6	0	200	EoA	LLC	UBR	

Weight	Group Precedence	Remove
		<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>
		<input checked="" type="checkbox"/>

Add Remove All Remove

- Device Info
- Quick Setup
- Advanced Setup
- Layer2 Interface**
- ATM Interface
- ETH Interface
- WAN Service
- MAC Clone
- LAN
- + NAT
- + Security

DSL ATM Interface Configuration

Choose Add, or Remove to configure DSL ATM interfaces.

Interface	Vpi	Vci	Link Type	Encapsulation	Category	Peak Cell Rate	Sustainable Cell Rate	Max Burst Size	Conn
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Add Remove All Remove

- Device Info
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- + Security
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- + Bandwidth Control
- + Routing
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- UPnP
- Interface Grouping
- IPSec
- Multicast
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ATM PVC Configuration

This screen allows you to configure an ATM PVC identifier (VPI and VCI), select DSL latency, select a service category. Otherwise choose an existing interface by selecting the checkbox to enable it.

VPI: [0-255]

VCI: [32-65535]

Select DSL Link Type (EoA is for PPPoE, IPoE, and Bridge.)

- EoA
- PPPoA
- IPoA

Encapsulation Mode:

Service Category:

Select IP QoS Scheduler Algorithm

- Strict Priority
 - Precedence of the default queue:
- Weighted Fair Queuing

Weight Value of the default queue: [1-63]

MPAAL Group Precedence:

Back Save/Apply

- Device Info
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 - ETH Interface
 - WAN Service
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 - LAN
 - + NAT
 - + Security
 - + Parental Control

DSL ATM Interface Configuration

Choose Add, or Remove to configure DSL ATM interfaces.

Interface	Vpi	Vci	Link Type	Encapsulation	Category	Peak Cell Rate	Sustainable Cell Rate	Max Burst Size	Conn
atm0	0	40	EoA	LLC	UBR				VlanM

Add Remove All Remove

- Device Info
- Quick Setup
- Advanced Setup
 - Layer2 Interface
 - **ATM Interface**
 - ETH Interface
 - WAN Service
 - MAC Clone
 - LAN
 - + NAT
 - + Security
 - + Parental Control
 - + Quality of Service
 - + Bandwidth Control
 - + Routing
 - DSL
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 - Interface Grouping
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ATM PVC Configuration

This screen allows you to configure an ATM PVC identifier (VPI and VCI), select DSL latency, select a service category. Otherwise choose an existing interface by selecting the checkbox to enable it.

VPI: [0-255]

VCI: [32-65535]

Select DSL Link Type (EoA is for PPPoE, IPoE, and Bridge.)

- EoA
- PPPoA
- IPoA

Encapsulation Mode: LLC/SNAP-BRIDGING

Service Category: UBR Without PCR

Select IP QoS Scheduler Algorithm

- Strict Priority
 - Precedence of the default queue: 8 (lowest)
- Weighted Fair Queuing

Weight Value of the default queue: [1-63]

MPAAL Group Precedence: 8

Back **Save/Apply**

- Device Info
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 - **ATM Interface**
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 - WAN Service
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 - + Parental Control
 - + Quality of Service

DSL ATM Interface Configuration

Choose Add, or Remove to configure DSL ATM interfaces.

Interface	Vpi	Vci	Link Type	Encapsulation	Category	Peak Cell Rate	Sustainable Cell Rate	Max Burst Size	Conn I
atm0	0	40	EoA	LLC	UBR				VlanMu
atm1	0	42	EoA	LLC	UBR				VlanMu

Add Remove All Remove

- Device Info
- Quick Setup
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Wide Area Network (WAN) Service Setup

Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	Vlan8021p	VlanMuxId	Igmp	NAT	Firewall	Remove	Edit
инструкции, рекомендации, решения									

- Device Info
- Quick Setup
- Advanced Setup
 - + Layer2 Interface
 - + WAN Service**
 - + MAC Clone
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 - + NAT
 - + Security
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 - + Quality of Service

WAN Service Interface Configuration

Select a layer 2 interface for this service

Note: For ATM interface, the descriptor string is (portId_vpi_vci)

Layer2 Interface:

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 - + WAN Service**
 - + MAC Clone
 - + LAN
 - + NAT
 - + Security
 - + Parental Control
 - + Quality of Service
 - + Bandwidth Control
 - + Routing
 - + DSL
 - + UPnP
 - + Interface Grouping
 - + IPSec

WAN Service Configuration

Select WAN service type:

- PPP over Ethernet (PPPoE)
- IP over Ethernet
- Bridging

Enter Service Description:

For tagged service, enter valid 802.1P Priority and 802.1Q VLAN ID.
For untagged service, set -1 to both 802.1P Priority and 802.1Q VLAN ID.

Enter 802.1P Priority [0-7]:

Enter 802.1Q VLAN ID [0-4094]:

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PPP Username and Password

PPP usually requires that you have a user name and password to establish your connection. In the boxes below, enter the user name and password that your ISP has provided to you.

PPP Username:
PPP Password:

PPPoE Service Name:

Authentication Method:

MTU (bytes): (The default is 1480, do not change unless necessary.)

- Enable Fullcone NAT
- Dial on demand (with idle timeout timer)
- PPP IP extension
- Use Static IPv4 Address
- Enable PPP Debug Mode
- Bridge PPPoE Frames Between WAN and Local Ports

Multicast Proxy

Enable IGMP Multicast Proxy

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Routing -- Default Gateway

Default gateway interface list can have multiple WAN interfaces served as system default gateways but only one will be used according to the priority with the first being the highest and the last one the lowest priority if the WAN interface is connected. Priority order can be changed by removing all and adding them back in again.

Selected Default Gateway Interfaces

Available Routed WAN Interfaces

- Device Info
- Quick Setup
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- + WAN Service**
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- + LAN
- + NAT
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- + Quality of Service
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- + Routing
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- + Interface Grouping
- + IPSec
- + Multicast
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DNS Server Configuration

Select DNS Server Interface from available WAN interfaces OR enter static DNS server IP addresses for the system. In ATM mode, if only a single PVC with IPoA or static IPoE protocol is configured, Static DNS server IP addresses must be entered.

DNS Server Interfaces can have multiple WAN interfaces served as system dns servers but only one will be used according to the priority with the first being the highest and the last one the lowest priority if the WAN interface is connected. Priority order can be changed by removing all and adding them back in again.

Select DNS Server Interface from available WAN interfaces:

Selected DNS Server Interfaces

ppp0.1

Available WAN Interfaces



Use the following Static DNS IP address:

Primary DNS server:

Secondary DNS server:

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- + WAN Service**
- + MAC Clone
- + LAN
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- + Bandwidth Control
- + Routing
- + DSL
- + UPnP

WAN Setup - Summary

Make sure that the settings below match the settings provided by your ISP. Click "Save/Apply" to have this interface to be effective. Click "Back" to make any modifications.

Connection Type:	PPPoE
NAT:	Enabled
Full Cone NAT:	Disabled
Firewall:	Enabled
IGMP Multicast:	Disabled
Quality Of Service:	Enabled

Back **Save/Apply**

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- + WAN Service**
- + MAC Clone
- + LAN
- + NAT
- + Security
- + Parental Control
- + Quality of Service
- + Bandwidth Control

Wide Area Network (WAN) Service Setup

Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	Vlan8021p	VlanMuxId	Igmp	NAT	Firewall	Remove	Edit
ppp0.1	pppoe_0_0_40	PPPoE	N/A	N/A	Disabled	Enabled	Enabled	<input type="checkbox"/>	Edit

Add Remove All Remove

- Device Info
- Quick Setup
- Advanced Setup
- + Layer2 Interface
- + WAN Service**
- + MAC Clone
- + LAN
- + NAT
- + Security
- + Parental Control
- + Quality of Service

WAN Service Interface Configuration

Select a layer 2 interface for this service

Note: For ATM interface, the descriptor string is (portId_vpi_vci)

Layer2 Interface:

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- + Bandwidth Control
- + Routing
- + DSL
- + UPnP
- + Interface Grouping
- + IPSec

WAN Service Configuration

Select WAN service type:

- PPP over Ethernet (PPPoE)
- IP over Ethernet
- Bridging

Enter Service Description:

For tagged service, enter valid 802.1P Priority and 802.1Q VLAN ID.
For untagged service, set -1 to both 802.1P Priority and 802.1Q VLAN ID.

Enter 802.1P Priority [0-7]:
Enter 802.1Q VLAN ID [0-4094]:

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- + WAN Service**
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- + LAN
- + NAT
- + Security
- + Parental Control
- + Quality of Service
- + Bandwidth Control
- + Routing
- + DSL
- + UPnP

WAN Setup - Summary

Make sure that the settings below match the settings provided by your ISP.
Click "Save/Apply" to have this interface to be effective. Click "Back" to make any modifications.

Connection Type:	Bridge
NAT:	Disabled
Full Cone NAT:	Disabled
Firewall:	Disabled
IGMP Multicast:	Not Applicable
Quality Of Service:	Disabled

[Back](#) [Save/Apply](#)

- Device Info
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- Advanced Setup
- + Layer2 Interface
- + WAN Service**
- + MAC Clone
- + LAN
- + NAT
- + Security
- + Parental Control
- + Quality of Service
- + Bandwidth Control
- + Routing

Wide Area Network (WAN) Service Setup

Choose Add, Remove or Edit to configure a WAN service over a selected interface.

Interface	Description	Type	Vlan8021p	VlanMuxId	Igmp	NAT	Firewall	Remove	Edit
atm1.1	br_0_0_42	Bridge	N/A	N/A	Enabled	Disabled	Disabled	<input type="checkbox"/>	Edit
ppp0.1	pppoe_0_0_40	PPPoE	N/A	N/A	Disabled	Enabled	Enabled	<input type="checkbox"/>	Edit

[Add](#) [Remove All](#) [Remove](#)

Interface Grouping

Interface Grouping supports multiple ports to PVC and bridging groups. Each group will perform as an independent network. To support this feature, you must create mapping groups with appropriate LAN and WAN interfaces using the Add button. The Remove button will remove the grouping and add the ungrouped interfaces to the Default group. Only the default group has IP interface. A maximum 16 entries can be configured.

Group Name	Remove	WAN Interface	LAN Interfaces	DHCP Vendor IDs
Default		ppp0.1 atm1.1	LAN1 LAN2 LAN3 LAN4/WAN WLAN0	

Add

Remove

required mapping of the ports.

Note that these clients may obtain public IP addresses

4. Click Save/Apply button to make the changes effective immediately

IMPORTANT If a vendor ID is configured for a specific client device, please REBOOT the client device attached to the modem to allow it to obtain an appropriate IP address.

Group Name:

iDTV

WAN Interface used in the grouping:

br_0_0_42/atm1.1

Grouped LAN Interfaces

LAN4/WAN

Available LAN Interfaces

LAN1
LAN2
LAN3
WLAN0

Automatically Add Clients With the following DHCP Vendor IDs:

Save/Apply

- Device Info
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 - + WAN Service
 - + MAC Clone
 - + LAN
 - + NAT
 - + Security
 - + Parental Control
 - + Quality of Service
 - + Bandwidth Control
 - + Routing
 - + DSL
 - + UPnP
 - + Interface Grouping
 - + IPSec

Interface Grouping

Interface Grouping supports multiple ports to PVC and bridging groups. Each group will perform as an independent network. To support this feature, you must create mapping groups with appropriate LAN and WAN interfaces using the Add button. The Remove button will remove the grouping and add the ungrouped interfaces to the Default group. Only the default group has IP interface. A maximum 16 entries can be configured.

Group Name	Remove	WAN Interface	LAN Interfaces	DHCP Vendor IDs
Default		ppp0.1	LAN1 LAN2 LAN3 WLAN0	
IDTV	<input type="checkbox"/>	atm1.1	LAN4/WAN	

Add Remove

- Quick Setup
- Advanced Setup
 - + Layer2 Interface
 - + WAN Service
 - + MAC Clone
 - + LAN
 - + NAT
 - + Security
 - + Parental Control
 - + Quality of Service
 - + Bandwidth Control
 - + Routing
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Configure the DSL Modem Router IP Address and Subnet Mask for LAN interface. GroupName Default

IP Address:
 Subnet Mask:

Enable IGMP Snooping

Disable DHCP Server
 Enable DHCP Server

Start IP Address:
 End IP Address:
 Leased Time (hour): (1~48)

Static IP Lease List: (A maximum 32 entries can be configured)

MAC Address	IP Address	Status	Enable/Disable	Edit	Remove
<input type="button" value="Add"/> <input type="button" value="Enable All"/> <input type="button" value="Select All"/> <input type="button" value="Remove"/>					

Enable DHCP Server Relay
 DHCP Server IP Address:

Note: You have to disable NAT of the WAN connections. Or the DHCP Relay may not take effect!

Configure the second IP Address and Subnet Mask for LAN interface

Save/Apply

- Device Info
- Quick Setup
- Advanced Setup
 - + Layer2 Interface
 - + WAN Service
 - + MAC Clone
 - + LAN
 - + NAT
 - + Security
 - + Parental Control
 - + Quality of Service
 - + Bandwidth Control
 - + Routing
 - + DSL
 - + UPnP
 - + Interface Grouping
 - + IPSec
 - + Multicast
- Wireless
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Local Area Network (LAN) Setup

Configure the DSL Modem Router IP Address and Subnet Mask for LAN interface. GroupName

iDTV
Default
iDTV

IP Address: 192.168.2.1
Subnet Mask: 255.255.255.0

Enable IGMP Snooping

Disable DHCP Server

Enable DHCP Server

Start IP Address: 192.168.2.100
End IP Address: 192.168.2.200
Leased Time (hour): (1~48)

Static IP Lease List: (A maximum 32 entries can be configured)

MAC Address	IP Address	Status	Enable/Disable	Edit	Remove
-------------	------------	--------	----------------	------	--------

Add Enable All Select All Remove

Enable DHCP Server Relay
DHCP Server IP Address:

Note: You have to disable NAT of the WAN connections. Or the DHCP Relay may not take effect!

Configure the second IP Address and Subnet Mask for LAN interface

Save/Apply

- Device Info
- Quick Setup
- Advanced Setup
- Wireless
 - + Basic
 - + Security
 - + MAC Filter
 - + Wireless Bridge
 - + Advanced
 - + Station Info
- Diagnostics
- Management

This page allows you to configure security features of the wireless LAN interface. You may setup configuration manually or through Wi-Fi Protected Setup(WPS)

WPS
Enable WPS: Disabled

Manual Setup AP

In order to protect your network from hackers and unauthorized users, it is highly recommended you choose one of the following wireless network security settings.

You can set the network authentication method, selecting data encryption, specify whether a network key is required to authenticate to this wireless network and specify the encryption strength.

Warning: we suggest you not to set WEP encryption to "Enabled" when the device runs in 11n mode. The device's wireless highest speed is 54Mbps in that encryption type.

Tips: 11n only mode are not supported when WEP encryption is "Enabled" or WPA Encryption type is "TKIP".

Tips: "WPA Encryption" are not allowed to set to "TKIP" when the device runs in 11n mode.

Click "Apply/Save" when done.

Network Authentication: WPA2-Personal (best/recommended)

Wireless Network Key: (Also called WPA Pre-Shared Key)

Click here to display

(You can enter ASCII characters between 8 and 63 characters or 8 to 64 Hexadecimal characters.)

WPA Group Rekey Interval: (optional)

WPA Encryption: AES

WEP Encryption: Disabled

Apply/Save