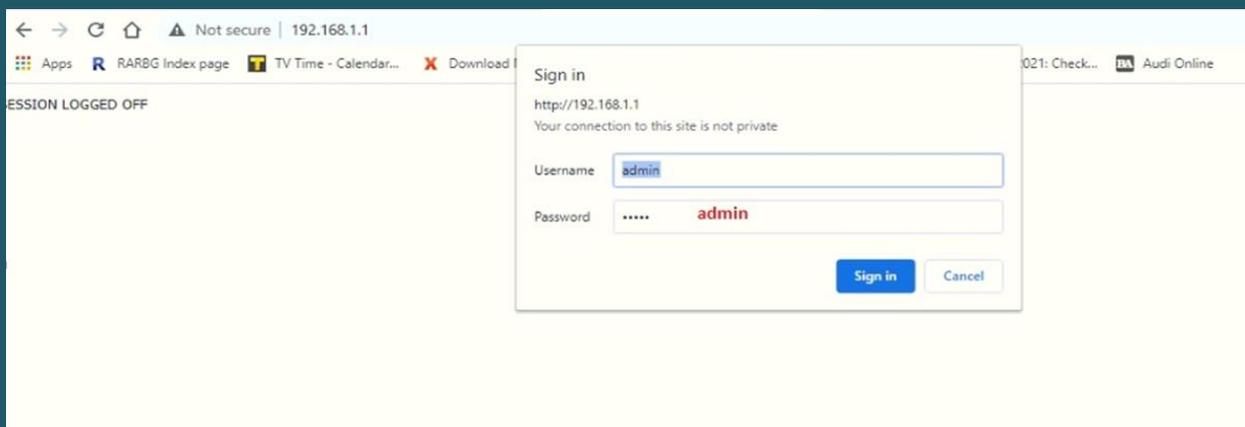


## DZS ZNID-GPON-24xxA1-Router

- Connect a device to your modem using an Ethernet cable or Wi-Fi. If Wi-Fi is protected by a password you have to check label on the bottom of modem
- Open your web browser and type the default IP Address in the address bar 192.168.1.1
- You should now see the router login page with 2 text fields where you can type router's username and password
- The default username and password for your modem should be (Username: admin : Password: admin) or (Username: admin : Password: zhone)



- Click "Sign in" and now you should see control panel of modem
- When you log in, click configuration at the left side of the page then expand VLAN
- Under VLAN click Settings

- Tests
- Status
- System
- Configuration**
- System Info
- Static Route
- Access Control
- Firewall
- Interfaces
- LLDP-MED
- VLAN ←
- Settings ←
- Filter Rules
- Modes

### Configuration - VLAN Settings

#### VLAN Network Setup

		Fiber WAN	GE1 - GigE	GE2 - GigE
		eth0	eth1	eth2
Port	Uplink	Uplink	-	-
	Default PVID	4095	1350	1350
Defaults	Default 802.1p	0	0	0
	IGMP PVID	0	0	0
	IGMP 802.1p	0	0	0

Edit Port Defaults

	select column	<input type="checkbox"/>	<input type="checkbox"/>
VLAN	VLAN ID	7	1350
	VLAN Name	Mgmt_Vlan	veip1_vlan1350_slan0
	Connection Type	Bridged	PPPoE_Bridged
	Secure Forwarding	Enable	Disable
Port Membership	Fiber WAN (eth0)	T	O
	GE1 - GigE (eth1)	-	U
	GE2 - GigE (eth2)	-	U

Add New VLAN

Edit Selected VLAN

Delete Selected VLAN(s)

- Under VLAN Network Setup , click Edit Port Defaults
- Enter default PVID as mentioned in the image and Select eth0 as WAN uplink then click Apply/Save

- Tests
- Status
- System
- Configuration**
- System Info
- Static Route
- Access Control
- Firewall
- Interfaces
- Bridged
- BRouted
- Routed
- PPPoE
- Ethernet
- GPON
- Rate Limits
- LLDP-MED
- VLAN

Configuration - VLAN Settings => Edit Port Defaults

VLAN Defaults Setup

		Fiber WAN	GE1 - GigE	GE2 - GigE
		eth0	eth1	eth2
Port Defaults	Default PVID	4095	1350	1350
	Default 802.1p	0	0	0
	IGMP PVID	0	0	0
	IGMP 802.1p	0	0	0

Uplink: eth0 ▼

- eth0
- eth1
- eth2

↓

- After clicking Apply/Save you will be redirected back to VLAN Settings page
- In VLAN Settings page click Add New VLAN

- Tests
- Status
- System
- Configuration**
- System Info
- Static Route
- Access Control
- Firewall
- Interfaces
- LLDP-MED
- VLAN ←
- Settings ←
- Filter Rules
- Modes

Configuration - VLAN Settings

VLAN Network Setup

		Fiber WAN eth0	GE1 - GigE eth1	GE2 - GigE eth2
Port	Uplink	Uplink	-	-
	Default PVID	4095	1350	1350
Defaults	Default 802.1p	0	0	0
	IGMP PVID	0	0	0
	IGMP 802.1p	0	0	0

Edit Port Defaults

	select column	<input type="checkbox"/>	<input type="checkbox"/>
VLAN	VLAN ID	7	1350
	VLAN Name	Mgmt_Vlan	veip1_vlan1350_slan0
	Connection Type	Bridged	PPPoE_Bridged
	Secure Forwarding	Enable	Disable
Port Membership	Fiber WAN (eth0)	T	O
	GE1 - GigE (eth1)	-	U
	GE2 - GigE (eth2)	-	U



Add New VLAN

Edit Selected VLAN

Delete Selected VLAN(s)

- In VLAN Name type any name
- In VLAN ID type 1350 and make sure Secure Forwarding is enabled
- Select PPPoE Routed as connection type then click Apply/Save

- Tests
- Status
- System
- Configuration**
- System Info
- Static Route
- Access Control
- Firewall
- Interfaces
- LLDP-MED
- VLAN
- Settings
- Filter Rules
- Modes

Configuration - VLAN Settings => Add New VLAN

Add New VLAN

VLAN Name  
 VLAN Tag ID  
 Secure Forwarding  
 Connection Type

IDM VLAN  
 1350  
 Enable  
 PPPoE Routed



- After clicking Apply/Save you will be redirected to Edit Selected VLAN page
- Make sure Fiber WAN(eth0) interface is O while GE1 and GE2 should be U then click Save/Apply

- Tests
- Status
- System
- Configuration**
- System Info
- Static Route
- Access Control
- Firewall
- Interfaces
- LLDP-MED
- VLAN
- Settings
- Filter Rules
- Modes

Configuration - VLAN Settings=> Edit Selected VLAN

Edit Selected VLAN's Configuration

VLAN Name:IDM VLAN    VLAN ID: 1350  
 Secure Forwarding:Enable    Connection Type:PPPoE\_Routed

Port Membership

Fiber WAN (eth0):

GE1 - GigE (eth1):

GE2 - GigE (eth2):



- Expand Interfaces at the left side of the page then click PPPoE
- Select created interface then Click Edit Selected Interface

Tests  
Status  
System  
Configuration

- System Info
- Static Route
- Access Control
- Firewall
- Interfaces
  - Bridged
  - BRouted
  - Routed
  - PPPoE ←
  - Ethernet
  - GPON
  - Rate Limits
  - LLDP-MED
  - VLAN

Configuration - Interfaces PPPoE

PPPoE Interface Setup



	select column	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Tunneled Interfaces	eth0.v1350.ppp	brvlan1350	eth0.v1360.ppp
<b>Interface Attributes</b>	I/F Name	Fiber WAN	Bridge	Fiber WAN
	I/F Type	Uplink	-	Uplink
	VLAN ID	1350	1350	1360
	MAC Address	00:00:00:00:00:00	-	00:00:00:00:00:00
<b>IP Configuration</b>	Address Mode	PPPoE	Static	PPPoE
	IP Address	172.19.6.4	██████████	0.0.0.0
	Subnet Mask	255.255.255.255	255.255.255.248	0.0.0.0
	Default Gateway	172.17.18.1	-	0.0.0.0
	Max MTU Size	1500	1500	1492
<b>Client Addressing</b>	NAT/NAPT	Disable	-	NAT
	UPnP	Enable	-	Disable
	DHCP Server	-	Disable	-
	Normal Range	-	192.168.1.10 - 192.168.1.100	-
	Conditional DHCP	-	Disabled	-
	Lease Time (sec)	-	86400	-
	DNS Relay Source	-	Static	-
	DNS Primary	-	██████████	-
DNS Secondary	-	8.8.8.8	-	

Add PPPoE Interface    Edit Selected Interface



- In Edit Selected Interface make sure PPPoE is selected as Address Mode
- Make sure NAT is enabled then under PPPoE configuration type Fiber Username and Password
- Select Auto Authentication then click Save/Apply

- Tests
- Status
- System
- Configuration
  - System Info
  - Static Route
  - Access Control
  - Firewall
  - Interfaces
    - Bridged
    - BRouted
    - Routed
    - PPPoE
    - Ethernet
    - GPON
    - Rate Limits
    - LLDP-MED
    - VLAN

Configuration - PPPoE Interface => Edit Selected Interface

**Edit PPPoE Uplink Interface**

Selected I/F: eth0.v1350.ppp VLAN ID: 1350

I/F Name: Fiber WAN

Use Derived MAC:  Enabled

**IP Configuration**

Address Mode:  PPPoE

IP Address:  Subnet Mask:

Default Gateway:  Max MTU Size:

**Client Addressing**

NAT/NAPT:  NAT

UPnP:  Enable

**PPPoE Configuration**

Username:

Password:

Service Name:

Authentication:  AUTO

Retry Interval:

- To configure wireless, click configuration at the left side of the page then expand wireless
- Click on Basic then in the SSID textbox type Wi-Fi Name and click Apply/Save , you may need to connect your device to new Wi-Fi name

**DZS** EVERY CONNECTION MATTERS ZNID24xxA1-Router ZNID-GPON-2428A1-EU: S4.1.26

Region: Europe  
Max Power: 100mW

**Primary Access Point:**

Enable Access Point

Hide Access Point

Isolate Clients

Disable WMM Advertise

SSID:

BSSID: 72:02:71:96:4F:08

Max Clients:

**Guest/Virtual Access Points:**

Enable	SSID	Hidden	Isolate Clients	Disable WMM Advertise	Max Clients	BSSID
<input type="checkbox"/>	ZHONE_SSID1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16	N/A
<input type="checkbox"/>	ZHONE_SSID2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16	N/A
<input type="checkbox"/>	ZHONE_SSID3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	16	N/A

- Click Security and make sure predefined SSID is selected and Network Authentication is WPA2-PSK
- In WPA/WAPI Passphrase enter Wi-Fi password and safest passwords are long and contain at least 8 digits of mixed letters, numbers, and symbols
- Once your changes are done, click "Apply/Save"

The screenshot shows the configuration page for the ZNID24xxA1-Router, specifically the 'Configuration - Wireless w10 (2.4GHz) Security' section. The page is divided into a left sidebar and a main content area. The sidebar contains a navigation menu with categories like 'Tests', 'Status', 'System', and 'Configuration'. Under 'Configuration', there are sub-sections for 'System Info', 'Static Route', 'Access Control', 'Firewall', 'Interfaces', 'L2CP', 'LLDP-MED', 'RIP', 'Parental Control', 'Wireless', 'w10 (2.4GHz)', 'w11 (5GHz)', 'Voice', 'VLAN', and 'WAN Backup'. The 'Wireless' section is expanded, and 'Security' is selected, indicated by a red arrow. The main content area is titled 'Configuration - Wireless w10 (2.4GHz) Security' and contains the following settings:

- Manual Setup AP**
  - Select SSID: HA12A
  - Network Authentication: WPA2-PSK (indicated by a red arrow)
  - Protected Management Frames: Disabled
  - WPA/WAPI passphrase: [Redacted] (indicated by a red arrow pointing to a 'Click here to display' link)
  - WPA Group Rekey Interval: 0
  - WPA/WAPI Encryption: AES
  - WEP Encryption: Disabled
- WPS Setup**
  - Enable WPS: Disabled

An 'Apply/Save' button is located at the bottom right of the configuration area.