

NCM1120D2

5G ODU User Manual



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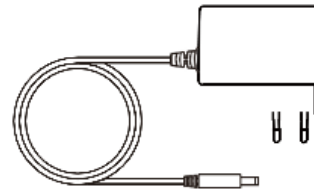
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1.1 Device and Accessories



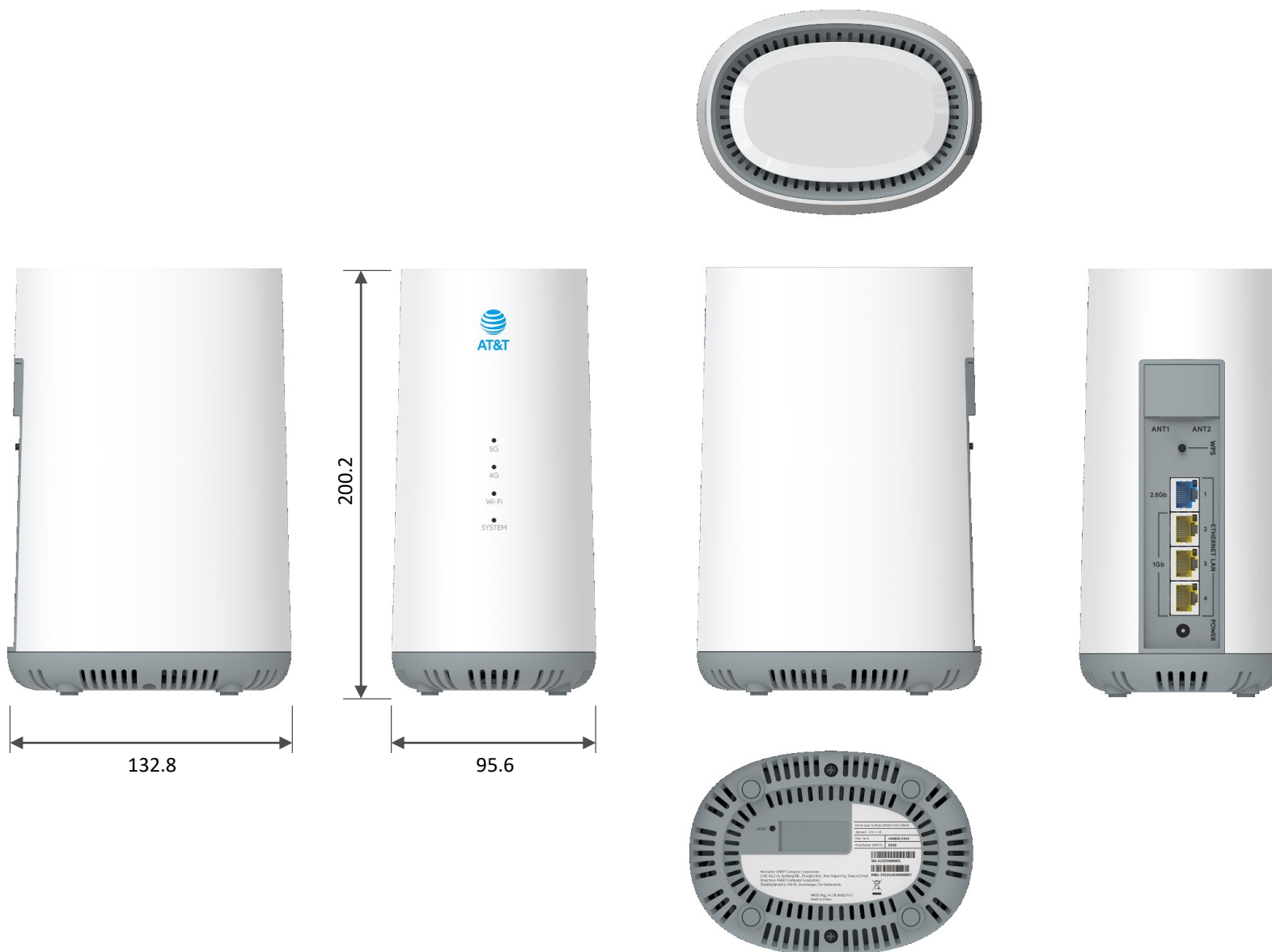
ODU Device



PSU Power Adapter



1.2 Device View



2.1 LED Indicators



LED	State	Indication	Note
5G	Strong	Green, Solid	BRSRP>=-80dBm
	Normal	Blue, Solid	-80dBm>BRSRP>=-95dBm
	Weak	Red, Solid	BRSRP<-95dBm
	No 5G Connected	off	
4G	Strong	Green, Solid	RSRP>=-80dBm
	Normal	Blue, Solid	-80dBm>RSRP>=-95dBm
	Weak	Red, Solid	RSRP<-95dBm
	No 4G Connected but SIM is ready	off	
	SIM Error	Red, Blink	
Wi-Fi	Wi-Fi Turn Off	off	
	Wi-Fi Turn On	Green, Solid	
	Wi-Fi Error	Red, Solid	
	WPS Query	Blue, Blink	Press "WPS button" equal or more than 3 seconds
	WPS Finish	Blue, Solid	Lasts 10 seconds and change to show the 'Wi-Fi turn on/off/error' status
System	System Shutdown	off	
	System Booting	Green, Blink	
	System Reset	Green, Blink	Blinking 5 seconds and light off
	System Error	Red, Solid	
	System Ready	Green, Solid	
	Firmware Upgrading	Blue, Blink	



2.2 Ethernet Cable

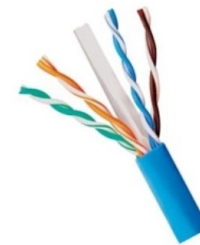


- Recommend to use Ethernet cable (RJ45) with **CAT-6** or above for better stability of PoE.

Type	Speed			
	(Mb/s)		(Gb/s)	
	10	100	1	10
CAT-5	◎	◎		
CAT-5e	◎	◎	◎	
CAT-6	◎	◎	◎	◎
CAT-6a	◎	◎	◎	◎



Cat5e



Cat6



Cat6a

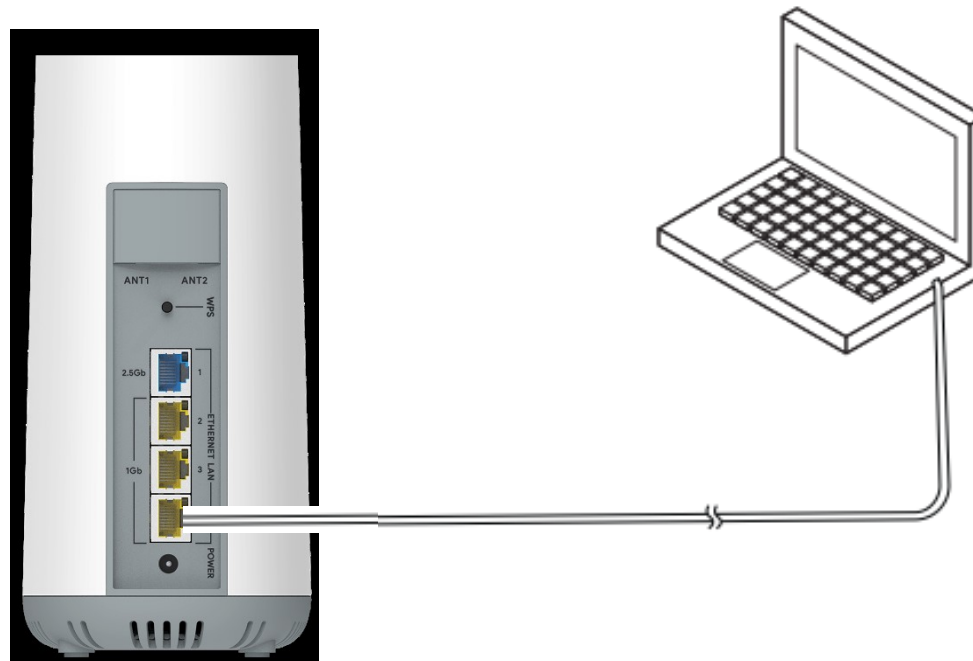


2.3 Connect Your Device



Step1. Plug in AC outlet.

Step2. Connect Ethernet cable from computer to LAN port of IDU. PC should get IP from ODU.



3.1 Web UI Login



Step1. Use a Web Browser to Access the ODU.

Step2. Open URL <http://192.168.1.1> to access login page.

Step3. Enter Username and Password.

A screenshot of a web login page. At the top is the AT&T logo. Below it is the text "Sign in to %System-name%". There are two input fields: the first contains "attadmin" and the second contains "123456". Below the password field is a red error message: "%error message:ex: invalid password%". At the bottom is a blue "Login" button.

AT&T

Sign in
to %System-name%

attadmin

123456

%error message:ex: invalid password%

Login



3.2 Dashboard



Step1. Login Web UI

Step2. When the network status is Connected, **it will show OK internet status.**

Step3. Check detailed information regarding **System Information.**

AT&T

Dashboard

- Network
- Parental Control
- Security
- Diagnostic
- System Settings
- NAT Forwarding

Dashboard

- Internet Status** (OK)
- WPS**
- System Information**
- NAT Forwarding**
- System Settings**
- LAN**
- Connected Devices**

System Information

System Information

Product ID: TM-NCQ2101B2

Up Time: 0D 03H 40M 11S

FW Version: 0.00.01.3

HW version: REV:4

Date: 2023-01-17 02:21:

Operation Mode

Mode: Portal Router

LAN Information

IP / Mask: 192.168.12.1(255.255.255.0)

Domain: http://router.Askey.net/

DHCP: On

WAN Information

IP: 192.168.12.1

IPv6 Information

Close



3.3 Check Network Map

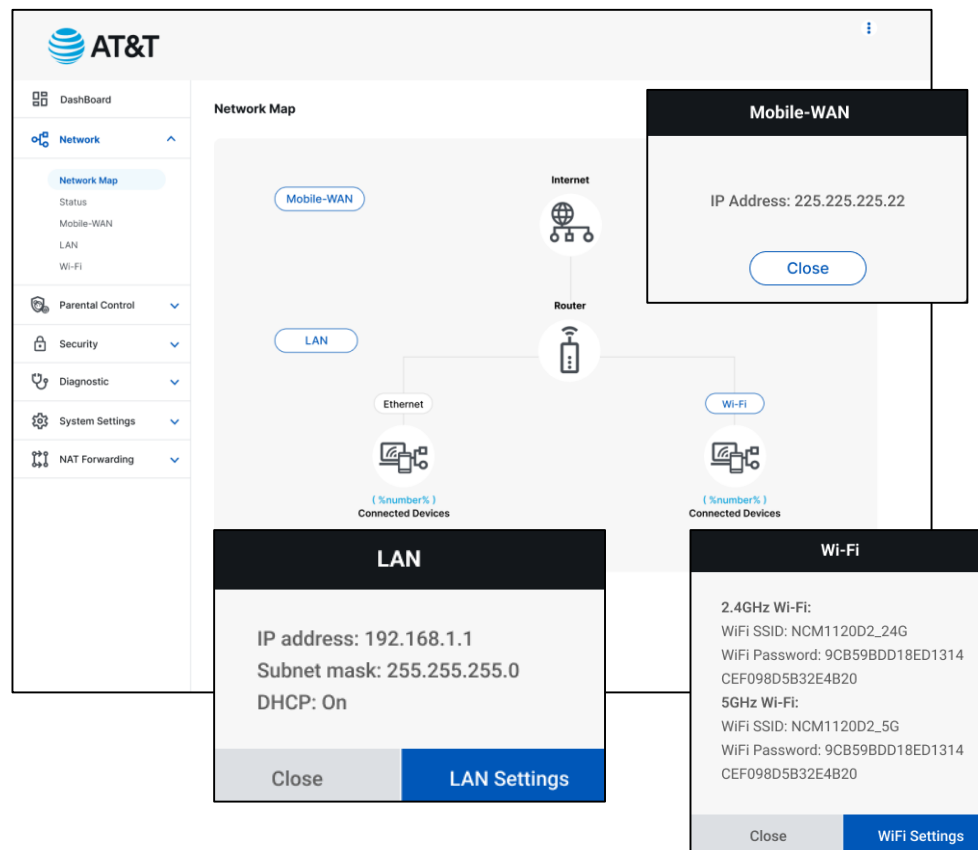


Step1. Navigate to **Network > Network Map**

Step2. Check information regarding **Mobile-WAN, LAN and Wi-Fi icon.**

Step3. Navigate to **Network > Status**

Step4. Check **Overview** information.



Status	
Overview	
Internet (v4)	
Cellular Operator Name	
Cellular SIM status	Ready
Cellular Signal strength	
LAN IP address	192.168.1.1
Wireless 2.4G SSID	NCM1120D2_24G
Wireless 2.4G Radio	On
Wireless 5G SSID	NCM1120D2_5G
Wireless 5G Radio	On
Internet (v4)	
Internet (v6)	
Mobile	
LAN	
Wireless 2.4G	
Wireless 5G	
System Information	
Monthly Usage	
Currently Usage	



3.4 Check Network Status



Step5. Check detailed information regarding Internet(v4), Internet(v6), Mobile, LAN, Wireless 2.4G, Wireless 5G, Monthly Usage and Weekly Usage.

Status	Overview	
	Internet (v4)	
	IP Address	
	Subnet Mask	
	Default Gateway	
	Primary DNS	
	Secondary DNS	
	Internet (v6)	
	IP Address	
	Subnet Mask	
	Default Gateway	
	Primary DNS	
	Secondary DNS	Disable
	Mobile	
	Mobile	
	Operator Name	
	SIM Status	Ready
	Roaming Status	
	Signal	
	TECH Status	
	RSRP	
	RSRQ	
	RSSI	
	PCI	
	TAC	
	LAN	
	LAN	
	MAC Address	D2:A8:D5:28:B4:38
	IP Address	192.168.1.1
	Subnet Mask	255.255.255.0
	DHCP Server	On
	Wireless 2.4G	
	Wireless Name(SSID)	NCM1120D2_24G
	Wireless Radio	On
	Mode	802.11ax/n/g mixed
	Channel	Auto
	Channel Bandwidth	20 MHz
	Wireless 5G	
	Wireless 5G	
	Wireless Name(SSID)	NCM1120D2_5G
	Wireless Radio	On
	Mode	802.11ax/n/g mixed
	Channel	Auto
	Channel Bandwidth	80 MHz
	System Information	
	IMEI	
	ICCID	
	IMSI	
	MSISDN	
	SKU	
	MFD	
	Monthly Usage	
	Upload	NCM1120D2_5G
	Download	On
	Total Traffic	802.11ax/n/g mixed
	Currently Usage	
	Query Range	0D 00H 00M 00S
	Upload	
	Download	
	Total Traffic	



3.5 Manage 4G/5G settings



Step1. Navigate to **Network > Mobile-WAN**

Step2. The SIM status and APN (active and inactive) related settings are here.

AT&T

Mobile-WAN

4G/5G

Mobile-WAN Status

Internet Status is Disconnected **Connected**

SIM Status Ready

Dial-up Settings

Auto APN is **active**

Dial-up Settings

Auto APN is **inactive**

APN internet

SAVE **Next**



3.6.1 Manage LAN settings



Step1. Navigate to **Network > LAN**

Step2. IPV4(and IPV6)& DHCP related settings are here.

AT&T

Dashboard

Network

Network Map

Status

Mobile-WAN

LAN

Wi-Fi

Parental Control

Security

Diagnostic

System Settings

NAT Forwarding

LAN

IPv4 & DHCPv4

IPv6 Settings

Client List

DHCP Lease

Setting

MAC Address: 11:22:33:44:55:66

IP Address: 192.168.1.1

Subnet Mask: 255.255.255.0

Enable DHCP Server: ☒ Yes ☐ No

DHCP address range: 255.255.255.0 - 255.255.255.0

Lease Time: 846000 seconds

Default Gateway: 192.168.1.1

DNS Server

DNS Server: 192.168.1.1

Static IP Assignment within DHCP IP Pool (Maximum : 64) Add Rule

Enable Manual: ☒ ☐ No

SAVE

Next

AT&T

Dashboard

Network

Network Map

Status

Mobile-WAN

LAN

Wi-Fi

Parental Control

Security

Diagnostic

System Settings

NAT Forwarding

LAN

IPv4 & DHCPv4

IPv6 Settings

Client List

DHCP Lease

Setting

DNS Server

DNS Server: 192.168.1.1

Static IP Assignment within DHCP IP Pool (Maximum : 64) Add Rule

Enable Manual: ☒ Yes ☐ No

Current Device	Static IP	Action
00:E0:5d:68:6D:77	192.168.1.35	Edit Delete
00:E0:5d:68:6D:88	192.168.1.30	Edit Delete

SAVE

Next



3.6.2 Manage LAN settings



Step3. Check information regarding **Client List**, and **DHCP Lease**.

The screenshot shows the AT&T router's LAN settings page. The left sidebar contains a menu with options: Dashboard, Network, Network Map, Status, Mobile-WAN, LAN (selected), Parental Control, Security, Diagnostic, System Settings, and NAT Forwarding. The main content area is titled 'LAN' and has four tabs: IPv4 & DHCPv4, IPv6 Settings, Client List (selected), and DHCP Lease. Under the 'Client List' tab, there are two sections: 'LAN' and 'Wireless'. Each section lists two devices with their IP addresses and MAC addresses. The 'LAN' section shows two devices with IP addresses 192.168.1.35 and 192.168.1.36, both with MAC address 00:E0:5d:68:6D:77. The 'Wireless' section shows two devices with IP addresses 192.168.1.35 and 192.168.1.36, both with MAC address 00:E0:5d:68:6D:77.

Device	IP address	MAC address
123456-NB	192.168.1.35	00:E0:5d:68:6D:77
123456-NB	192.168.1.36	00:E0:5d:68:6D:88

The screenshot shows the AT&T router's DHCP Lease settings page. The left sidebar is identical to the previous screenshot. The main content area is titled 'LAN' and has four tabs: IPv4 & DHCPv4, IPv6 Settings, Client List, and DHCP Lease (selected). The DHCP Lease tab displays a table with three columns: MAC, IP, and Hostname. The table lists four entries, each with a unique MAC address and IP address, and a hostname of 123456-NB.

MAC	IP	Hostname
00:E0:5d:68:6D:77	192.168.1.35	123456-NB
00:E0:5d:68:6D:88	192.168.1.30	789100-NB
00:E0:5d:68:6D:99	199.168.1.32	123888-NB
00:E0:5d:68:6D:88	192.168.1.30	789100-NB



3.7.1 Manage Wi-Fi settings



Step1. Navigate to **Network > Wi-Fi**

Step2. Band Steering, Wi-Fi network related settings are here.

Note. Enabling Band steering will sync all wifi settings in the frequency list with the 5G band's ones.

The screenshot shows the AT&T Wi-Fi settings interface. The left sidebar contains a menu with options: DashBoard, Network, Parental Control, Security, Diagnostic, System Settings, and NAT Forwarding. The 'Network' section is expanded, showing sub-options: Network Map, Status, Mobile-WAN, LAN, and Wi-Fi. The 'Wi-Fi' section is selected, and the 'Basic' tab is active. Under 'Basic', the 'Frequency' is set to '2.4G/5G Hz'. The 'Band Steering' section shows 'Band Steering ON' with a toggle switch. A warning message states: 'Enabling Band steering will sync all wifi settings in the frequency list with the 5G band's ones.' The 'Setting' section includes fields for 'Network' (Private Network), 'Wi-Fi Network' (ON), 'Wi-Fi Network Name (SSID)' (NCM1120D2_24G), 'Broadcast SSID' (ON), 'Security Setting' (WPA2 Personal), 'WPA Encryption' (AES), and 'Wi-Fi Password' (masked). 'Cancel' and 'Save' buttons are at the bottom.

The screenshot shows the AT&T Wi-Fi settings interface, similar to the previous one but with 'Band Steering OFF' toggled. The 'Frequency' is now set to '2.4GHz'. The 'Setting' section remains the same, with 'Network' (Private Network), 'Wi-Fi Network' (ON), 'Wi-Fi Network Name (SSID)' (NCM1120D2_24G), 'Broadcast SSID' (ON), 'Security Setting' (WPA2 Personal), 'WPA Encryption' (AES), and 'Wi-Fi Password' (masked). 'Cancel' and 'Save' buttons are at the bottom.



3.7.2 Manage Wi-Fi settings



Step3. WPS, Radio related settings are here.

Note. ACL will only take effect when WPS is disabled.

AT&T

Dashboard

Network

Network Map

Status

Mobile-WAN

LAN

Wi-Fi

Parental Control

Security

Diagnostic

System Settings

NAT Forwarding

WiFi

Basic WPS Radio

Note: ACL will only take effect when WPS is disabled.

Frequency 2.4GHz

Enable WPS ON

Connection Status idle

Configured YES

WPS Method Push Button Client PIN Code

PIN Code

%error message:ex: Can't not be empty,%

Start

Warning

ACL will be disabled when WPS is enabled. Are you sure continue?

Cancel Confirm

AT&T

Dashboard

Network

Network Map

Status

Mobile-WAN

LAN

Wi-Fi

Parental Control

Security

Diagnostic

System Settings

NAT Forwarding

WiFi

Basic WPS Radio

Frequency 2.4GHz

Setting

Enable Radio Yes No

Wireless Mode g/n/ax

Channel Bandwidth 20 MHz

Control Channel Auto Current Channel: 0

Tx Power Adjustment 100%

Cancel Save



3.8.1 Security Control



Step1. Navigate to **Security Control > Devices**

Step2. Security control, add devices related settings are here.

The screenshot shows the AT&T Security Control interface. On the left is a sidebar with navigation options: Dashboard, Network, Security Control (selected), Security, Diagnostic, System Settings, and NAT Forwarding. The main panel is titled 'Security Control' and has a toggle switch for 'Security Control is Active' (currently on). Below this are two tabs: 'Devices' (selected) and 'URL Filters'. Under the 'Devices' tab, there is an 'Add Device' button. A blue arrow points from this button to a modal window titled 'Add Device'. The modal contains a 'Choose Client' dropdown menu with 'Notebook-12345' selected, a 'Client Name' field with the placeholder '%Device-Name%', and a 'Client MAC' field with the value '00:E0:5D:68:6D:77'. At the bottom of the modal are 'Cancel' and 'Add' buttons. A blue double-headed arrow points from the 'Security Control is Active' toggle to a box labeled 'Security Control'.

This screenshot shows the same AT&T Security Control interface as the previous one, but with the 'Add Device' modal closed. The 'Add Device' button is now visible. A blue arrow points from the 'Add Device' button to a table listing devices. The table has columns for 'Client Name', 'MAC Address', and 'Action'. It lists two devices: 'Notebook-12345' with MAC '00:E0:5D:68:6D:77' and 'NB-55555' with MAC '00:E0:5D:68:6D:88'. A blue arrow points from the 'Action' column of the first device to a 'Schedule' modal. The 'Schedule' modal shows a grid for the device 'Notebook-12345' with MAC '00:E0:5D:68:6D:77'. The grid has columns for days of the week (S, M, T, W, T, F, S) and rows for hours (00, 02, 04, 06, 08, 10, 12, 14). A legend indicates 'Allow' (grey) and 'Controlled' (blue). The grid shows 'Controlled' status for Tuesday and Wednesday between 02:00 and 04:00. At the bottom of the modal are 'Clear schedule', 'Save schedule', 'Cancel', and 'Save' buttons.



3.8.2 Security Control



Step3. Navigate to **Security Control > URL Filters**

Step4. URL Filters, add rules related settings are here.

The screenshot shows the AT&T Security Control interface. On the left is a sidebar with navigation links: Dashboard, Network, Security Control (selected), Devices, URL Filters, Security, Diagnostic, System Settings, and NAT Forwarding. The main content area is titled 'Security Control' and shows 'Security Control is Active' with a toggle switch. Below this, there are tabs for 'Devices' and 'URL Filters' (selected). The 'URL Filters' tab shows a list of filters with the following data:

URL	Action
00:E0:5d:68:6D:77	[Edit] [Delete]
00:E0:5d:68:6D:88	[Edit] [Delete]
00:E0:5d:68:6D:99	[Edit] [Delete]
00:E0:5d:68:6D:88	[Edit] [Delete]

At the bottom of the page are 'Cancel' and 'Save' buttons.

This screenshot shows the same AT&T Security Control interface as the previous one, but with an 'Add URL Filter' dialog box open. The dialog box has a title bar 'Add URL Filter' and a text input field for the 'URL Filter'. Below the input field is an error message: '%error message: ex: Can't not be empty.%'. At the bottom of the dialog are 'Cancel' and 'Add' buttons. The background content is dimmed.



3.9.1 Security



Step1. Navigate to **Security > Firewall IPv4(or IPv6)**

Step2. Firewall, Ping Request from WAN, and NET Service Filter related settings are here.

AT&T

Dashboard

Network

Parental Control

Security

Firewall IPv4

Firewall IPv6

Access Control

VPN

Diagnostics

System Settings

NAT Forwarding

Firewall IPv4

Common

NET Service Filter

Enable Firewall ☒ Yes ☐ No

Ping Request from WAN ☐ Yes ☒ No

Cancel Save

AT&T

Dashboard

Network

Parental Control

Security

Firewall IPv4

Firewall IPv6

Access Control

VPN

Diagnostics

System Settings

NAT Forwarding

Firewall IPv4

Common

NET Service Filter

Enable Net Service Filter ☐ Yes ☒ No

Filter Table List

Network Services Filter Table (Maximum : 32)

Source IP	Port Range	Destination IP	Port Range	Protocol	Action
192.192.102.192	%Range-num%	192.192.102.194	%Range-num%	UDP	
192.192.102.192	%Range-num%	192.192.102.111	%Range-num%	TCP	
192.192.102.192	%Range-num%	192.192.102.123	%Range-num%	TCP SYN	
192.192.102.192	%Range-num%	192.192.102.11	%Range-num%	TCP ACK	

Set Network Services

Source IP

Port Range

Destination IP

Port Range

Protocol

Cancel Add

Cancel Save



3.9.2 Security



Step1. Navigate to **Security > Access Control**

Step2. Enable Client ACL, Mode and List related settings are here.



3.9.3 Security



Step1. Navigate to **Security > VPN**

Step2. VPN Client List related settings are here.

AT&T

VPN

VPN Client

VPN Client List (Maximum : 8) [Add Rule](#)

Connection Status	Description	VPN Type	Action	Connection
Disconnected	PPTP VPN Client	PPTP	Edit Delete	Activate
Connected	L2TP VPN Client	L2TP	Edit Delete	Deactivate
Connected	Open VPN Client	OpenVPN	Edit Delete	Deactivate

VPN Client

VPN Type:

Enable Default Route: ☐ Yes ☒ No

Description:

VPN Server:

Username: Password:

PPTP Options:

[Cancel](#) [Apply](#)

AT&T

VPN

VPN Client

VPN Client List (Maximum : 8) [Add Rule](#)

Connection Status	Description	VPN Type	Action	Connection
Disconnected	PPTP VPN Client	PPTP	Edit Delete	Activate
Connected	L2TP VPN Client	L2TP	Edit Delete	Deactivate
Connected	Open VPN Client	OpenVPN	Edit Delete	Deactivate



3.10 Diagnostic



Step1. Navigate to **Security > Diagnostic Tools**

Step2. Diagnostic related settings are here.

A screenshot of the AT&T Diagnostic Tools interface. The interface has a header with the AT&T logo and a menu on the left. The menu includes: Dashboard, Network, Parental Control, Security, Diagnostic (highlighted), Diagnostic Tools (highlighted), System Settings, and NAT Forwarding. The main content area is titled "Diagnostic" and contains a form with two dropdown menus: "Method" (set to "Ping") and "Target" (set to "8.8.8.8"). A "Diagnose" button is next to the "Target" dropdown. Below the form is a large empty box for results.

3.11.1 System Settings



Step1. Navigate to **System Settings > Admin (Password)**

Step2. Username and new password settings are here.

The screenshot shows the AT&T System Settings interface. On the left is a sidebar with a menu: Dashboard, Network, Parental Control, Security, Diagnostic, System Settings (expanded), and NAT Forwarding. Under System Settings, 'Admin (Password)' is selected. The main area is titled 'System Settings' and has tabs for Admin, Backup / Restore, Firmware update, and System Log. The 'Admin' tab is active, showing the 'System Password' section. It contains four input fields: Username (pre-filled with 'admin'), Old Password (masked with dots), New Password (with a hint '8 to 16 characters'), and Confirm Password (also with a hint '8 to 16 characters'). Each password field has an eye icon to toggle visibility. At the bottom are 'Cancel' and 'Save' buttons.



3.11.2 System Settings



Step1. Navigate to System Settings > **Backup / Restore**

Option1. To save the current settings, click **Save**.

Option2. To restore settings, Click **Select file**, then **Update**.

Option3. To load default settings, Click **Reset**, then Click **Apply** to reboot the ODU.



3.11.3 System Settings



Step1. Navigate to **System Settings > System Log**

Step2. System Logs are here.

Dashboard

Network

Parental Control

Security

Diagnostic

System Settings

Admin (Password)

Time Settings

Backup / Restore

Firmware Update

System Log

NAT Forwarding

System Settings

Admin

Time Settings

Backup / Restore

Firmware update

System Log

System Time

Wed Apr 1 10 : 17 : 10 2015

Up Time

0D 01H 08M 51S

Dec 31 18:01:51 ddns update: malformed hostname: 111111

Dec 31 18:01:51 ddns update: asusddns_update: 2

Dec 31 18:01:59 openvpn[713]: TCP: connect to [AF_INET]20.20.254:1194 failed, will try again in 5 seconds: Connection timed out

Dec 31 18:02:01 rc_service: rc 906.notify_rc restart_wrs

Dec 31 18:02:14 openvpn[713]: TCP: connect to [AF_INET]20.20.254:1194 failed...Dec 31 18:01:51 ddns update: malformed hostname: 111111

Dec 31 18:01:51 ddns update: asusddns_update: 2

Dec 31 18:01:59 openvpn[713]: TCP: connect to [AF_INET]20.20.254:1194 failed, will try again in 5 seconds: Connection timed out

Dec 31 18:02:01 rc_service: rc 906.notify_rc restart_wrs

Dec 31 18:02:14 openvpn[713]: TCP: connect to [AF_INET]20.20.254:1194 failed...Dec 31 18:01:51 ddns update: malformed hostname: 111111

Dec 31 18:01:51 ddns update: asusddns_update: 2

Dec 31 18:01:59 openvpn[713]: TCP: connect to [AF_INET]20.20.254:1194 failed, will try again in 5 seconds: Connection timed out

Dec 31 18:02:01 rc_service: rc 906.notify_rc restart_wrs

Dec 31 18:02:14 openvpn[713]: TCP: connect to [AF_INET]20.20.254:1194 failed...Dec 31 18:01:51 ddns update: malformed hostname: 111111

Dec 31 18:01:51 ddns update: asusddns_update: 2

Dec 31 18:01:59 openvpn[713]: TCP: connect to [AF_INET]20.20.254:1194 failed, will try again in 5 seconds: Connection timed out

Dec 31 18:02:01 rc_service: rc 906.notify_rc restart_wrs

Dec 31 18:02:14 openvpn[713]: TCP: connect to [AF_INET]20.20.254:1194 failed...Dec 31 18:01:51 ddns update: malformed hostname: 111111

Dec 31 18:01:51 ddns update: asusddns_update: 2

Dec 31 18:01:59 openvpn[713]: TCP: connect to [AF_INET]20.20.254:1194 failed, will try again in 5 seconds: Connection timed out

Dec 31 18:02:01 rc_service: rc 906.notify_rc restart_wrs

Dec 31 18:02:14 openvpn[713]: TCP: connect to [AF_INET]20.20.254:1194 failed...Dec 31 18:01:51 ddns update: malformed hostname: 111111

Dec 31 18:01:51 ddns update: asusddns_update: 2

Clear

Save

Refresh

*The system logs will display the last 100 events.

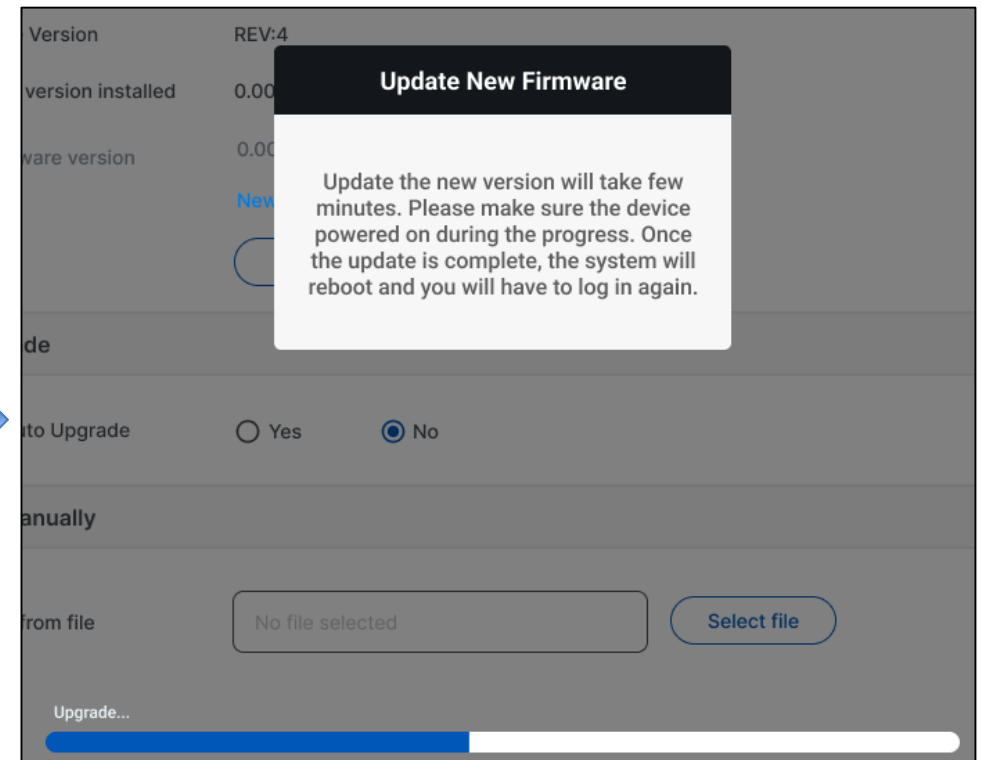
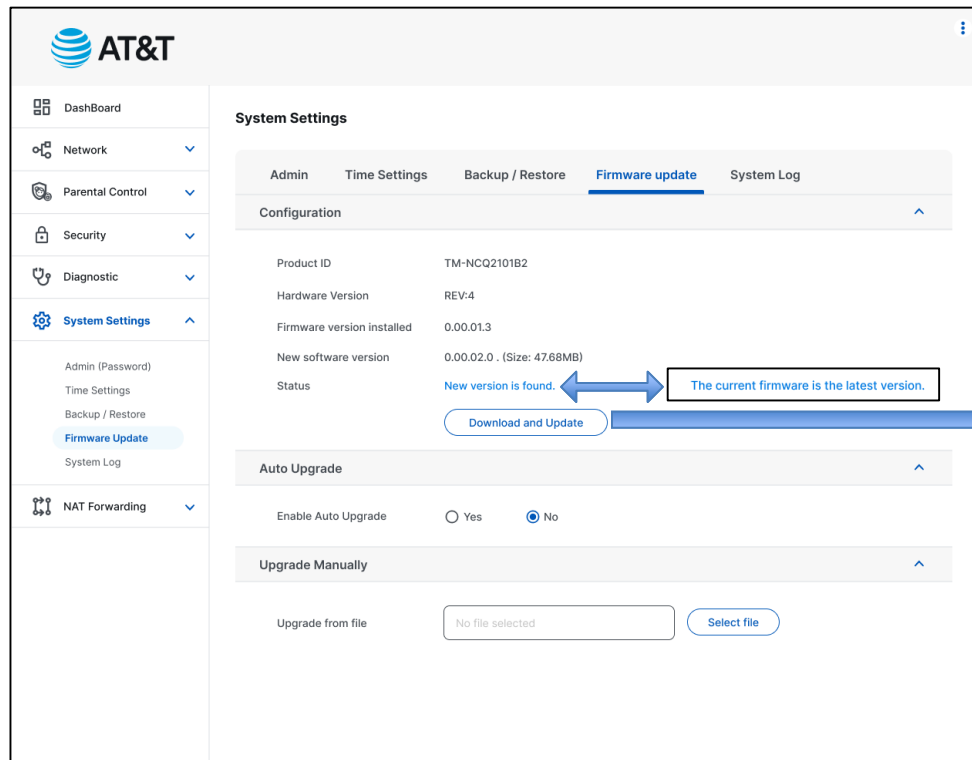


3.12.1 Firmware Update



Step1. Navigate to **System Settings > Firmware Update**

Step2. Tap **"Download and Update"**, popup info will shows progress bar. When the bar shows 100%, it'll redirect to login page.



3.12.2 Firmware Update



Step3. Select Upgrade Manually, Click **Select file** and open file.

Step4. Click **Update**.

The screenshot displays the AT&T System Settings interface. On the left is a sidebar menu with options: DashBoard, Network, Parental Control, Security, Diagnostic, System Settings (selected), Admin (Password), Time Settings, Backup / Restore, Firmware Update, and System Log. Below these are NAT Forwarding and a section for System Settings. The main content area is titled 'System Settings' and contains several tabs: Admin, Time Settings, Backup / Restore, Firmware update (selected), and System Log. Under the 'Firmware update' tab, there is a 'Configuration' section showing details like Product ID (TM-NCQ2101B2), Hardware Version (REV:4), Firmware version installed (0.00.01.3), and New software version (0.00.02.0, Size: 47.68MB). A status message 'New version is found.' is displayed with a 'Download and Update' button. Below this is an 'Auto Upgrade' section with a toggle for 'Enable Auto Upgrade' set to 'No'. At the bottom is an 'Upgrade Manually' section with a text input field containing '%file-name.format%', a 'Select file' button, and an 'Update' button.

System Settings				
Admin	Time Settings	Backup / Restore	Firmware update	System Log
Configuration				
Product ID	TM-NCQ2101B2			
Hardware Version	REV:4			
Firmware version installed	0.00.01.3			
New software version	0.00.02.0 . (Size: 47.68MB)			
Status	New version is found.			
Download and Update				
Auto Upgrade				
Enable Auto Upgrade	☐ Yes ☒ No			
Upgrade Manually				
Upgrade from file	%file-name.format% Select file Update			



3.13.1 NAT Forwarding



Step1. Navigate to **NAT Forwarding > DMZ or UPnP**

Step2. DMZ and UPnP related settings are here.

The screenshot shows the AT&T web interface for NAT Forwarding. The left sidebar contains a menu with options: Dashboard, Network, Parental Control, Security, Diagnostic, System Settings, and NAT Forwarding. The NAT Forwarding section is expanded, showing sub-options: DMZ, UPnP, ALG, and Virtual Servers. The DMZ tab is selected. The main content area has the title 'NAT Forwarding' and sub-tabs 'DMZ', 'UPnP', 'ALG', and 'Virtual Servers'. Under the 'DMZ' tab, there are two settings: 'Enable IPv4 DMZ' with radio buttons for 'Yes' and 'No' (where 'No' is selected), and 'IP Address of Exposed Station' with a text input field containing '111.111.111.123'. At the bottom, there are 'Cancel' and 'Save' buttons.

The screenshot shows the AT&T web interface for NAT Forwarding. The left sidebar is identical to the previous screenshot. The NAT Forwarding section is expanded, and the UPnP tab is selected. The main content area has the title 'NAT Forwarding' and sub-tabs 'DMZ', 'UPnP', 'ALG', and 'Virtual Servers'. Under the 'UPnP' tab, there are three settings: 'Enable UPnP' with radio buttons for 'Yes' and 'No' (where 'No' is selected), 'Advertisement Period' with a text input field containing '30' and the unit 'seconds', and 'Advertisement Time To Live' with a text input field containing '2' and the unit 'hours'. At the bottom, there are 'Cancel' and 'Save' buttons.



3.13.2 NAT Forwarding



Step1. Navigate to NAT Forwarding > ALG or Virtual Servers

Step2. ALG and Virtual Servers related settings are here.

AT&T

Dashboard

Network

Parental Control

Security

Diagnostic

System Settings

NAT Forwarding

DMZ

UPnP

ALG

Virtual Servers

DMZ

UPnP

ALG

Virtual Servers

PPTP Passthrough On

L2TP Passthrough On

IPSec Passthrough On

SSL Passthrough On

RTSP Passthrough On

H.323 Passthrough On

SIP Passthrough On

Cancel Save

AT&T

Dashboard

Network

Parental Control

Security

Diagnostic

System Settings

NAT Forwarding

DMZ

UPnP

ALG

Virtual Servers

NAT Forwarding

DMZ

UPnP

ALG

Virtual Servers

Port Forwarding List (Maximum : 32)

Services	Port Range	Local IP/Port	Protocol	Status	Action
DNS Server	53	192.168.1.35/53	UDP	ON	
DNS Server 2	55	192.168.1.36	TCP	OFF	
Age of Empires	2302:2400	192.168.1.35/2302:2400	Both	ON	
Counter Strike (TCP)	27030:27090	192.168.1.35/27030:27090	TCP	ON	

Port Forwarding Setting

Well Known Server List

Well Known Game List

Services

Port Range

Local IP List

Local IP

Local Port

Protocol

Status

Cancel Add

Cancel Save





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