NTU-52W

NTU-52W 3.0.3

IP-: http://192.168.1.1 : user : user

«», PON — 2,5 / downlink 1,25 / uplink. PON

IP.

GPON . ,- . , ON , -.

NTU-52W. , , ,

 ${\it O}$, .

0 , , .

NTU-52W — . . GPON PON-, Ethernet. NTU-52W IPTV, OTT . NTU-52W Wi-Fi IEEE 802.11b/g/n.

:

- 1 PON SC/APC (WAN);
 Ethernet RJ-45 LAN (LAN):

 1 RJ-45 10/100BASE-T ();
 1 RJ-45 10/100/1000BASE-T ().
- Wi-Fi 802.11b/g/n.

220 /12 B.

- :
 - c:
 - TR-069;
 - «» «», ;
 - PPPoE (auto, PAP-, CHAP-, MSCHAP-);

 - IPoE (DHCP-client static);
 DHCP (DHCP- WAN, DHCP- LAN);
 - Multicast- Wi-Fi;
 - DNS (Domain Name System);

 - DynDNS (Dynamic DNS);
 UPnP (Universal Plug and Play); • NAT (Network Address Translation);
 - NTP (Network Time Protocol);

 - QoS;IGMP-snooping;
 - IGMP-proxy;
 - Firewall;
 - VLAN IEEE 802.1Q.

• Wi-Fi:



NTU-52W.



1.

1 –

Ethernet LAN

2
1 10/100BASE-T (RJ-45) 1 10/100/1000BASE-T (RJ-45)
, 10/100/1000 /, /
IEEE 802.3i 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet IEEE 802.3x Flow Control IEEE 802.3 NWay auto-negotiation

PON

1	

	ITU-T G.984.x Gigabit-capable passive optical networks (GPON) ITU-T G.988 ONU management and control interface (OMCI) IEEE 802.1Q Tagged VLAN (VLAN WAN-: 0, 4032, 4022, 4023, 4024, 4027, 4026, 4000~4005, 4095) IEEE 802.1P Priority Queues IEEE 802.1D Spanning Tree Protocol
	SC/APC ITU-T G.984.2, ITU-T G.984.5 Filter, FSAN Class B+, SFF-8472
	SMF - 9/125, G.652
	1:128
	20
:	1310
• upstream	1244 /
•	+0,5 +5
• (RMS)	1
:	1490
downstream	2488 /
•	-8 -28, BER1.0x10 ⁻¹⁰
	-8

Wi-Fi

	IEEE 802.11b/g/n	
	2,400 ~ 2.483,5	
	DQPSK, DBPSK, CCK, BPSK, QPSK, 16QAM, 64QAM, OFDM	
	802.11b : 1, 2, 5.5 11 / 802.11g : 6, 9, 12, 18, 24, 36, 48 54 / 802.11n : 6,5 300 / (MCS0 MCS15)	
	802.11b (11 /): 18 802.11g (54 /): 16 802.11n (MCS7): 16 802.11n (MCS0): 18	
MAC-	CSMA/CA- ACK 32 MAC	
	64/128- WEP- ; WPA, WPA2, WPA3, WPA3 Mixed; 802.1x; AES &TKIP	
	2	
	5	

web-
Telnet, TR-069, LI, OMCI

OMCI, TR-069, HTTP

	12 , 0,5
	6
	+5 +40 °
	80 %
(× ×)	147 × 24 × 110
	0,25
	5

, 147 × 24 × 110 .

NTU-52W 2.





NTU-52W , <mark>2</mark>.

2 – NTU-52W

1	LAN 10/100	RJ-45 10/100BASE-T
2	LAN 10/100/1000	RJ-45 10/100/1000BASE-T
3	PON	SC () PON GPON
4	12V	

NTU-52W 3.



, 3.

3– NTU-52W

5	((•))	/ Wi-Fi
6	()	Wi-Fi

NTU-52W 4.



, . 4.

4 – NTU-52W



	1000 /
/	

 \square

«F» . *«F»* 5, . . IP-: *LAN – 192.168.1.1, – 255.255.255.0.* LAN 1 LAN 2.

NTU-52W :

- NTU-52W;
- 220/12 0,5 ; ;



5 –

- (SFF-) ;
 (PON-) Ethernet GPON;
 Wi-Fi .
- () (<mark>5</mark>):

:

- Br0;
- eth0...1;
- wl0;
- IPInterface1.
- br0 LAN .
- eth0..1 Ethernet- RJ-45 , STB . br0.
- wIO Wi-Fi 2.4.

Filter Marking (br0). , Filter , Marking – .

IPInterface , IP- , DHCP, .

web-.

, web-:

1. web- (- web-), , Firefox, Google Chrome. 2. IP IP- : 192.168.1.1, : 255.255.255.0	
A CITCY	
	Input username and password
UserName: Password:	
	Login
3. «UserName» «Password».	
🧭 user, user.	
4. «Login». web	
. «Admin», «Password», «New Password» «	Confirmed password» .
Password Configuration his page is used to set the account to access the rotection.	e web server of your Device. Empty user name and password will disable the

UserName:	admin 🗸	
Old Password:		
New Password:		
Confirmed Password:		
Apply Changes Reset		

web-

Aeltex	NTU-52W								
Status LAN WLAN	WAN Services	Advance	Diagnostics	Admin Statistics	1				
	Devíce Status								
Ctatue	This page shows the current status and some basic settings of the device.								
- Davies	System								
> Device	Manufacturer		ELTEX						
> IPv6	Model		Modem/Ro	uter					
> PON	Uptime		0 min						
1	Hardware Version		1v3						
	Serial Number		454C5458	8C0001D0					
	Bootloader Version								
	Bootloader CRC32 sur	m	934d5505	934d5505					
	Current FW CRC32 su	m	471944f6	471944f6					
	Backup FW CRC32 su	m	471944f6	471944f6					
	CPU Usage			0%					
	Memory Usage			53%					
	Image 1 Firmware Vers	sion							
	Image 2 Firmware Vers	sion							
	IPv4 Default Gateway								
	IPv6 Default Gateway								
	DNS								
	LAN Configuration								
	IP Address								
	Subnet Mask								
	DHCP Server								
	MAC Address				2				
	LAN Port Status								
	Name		Status	Speed	Mode				
	LAN1		Up	1000	Full				
	LAN2		NoLink	Auto	Auto				

3:

1. . 2. . 3. .

«Status».

«Device status».

, LAN WAN.

Status Device status

evice Status his page shows the current statu	us and some b	basic setting	js of the de	vice.			
System							
Manufacturer		ELT	EX				
Model		Mod	lem/Router				
Uptime		1 mi	in				
Hardware Version		1v3					
Serial Number		454	C54588C0	001D0			
Bootloader Version							
Bootloader CRC32 sum		934	d5505				
Current FW CRC32 sum		471	944f6				
Backup FW CRC32 sum		471	944f6				
CPU Usage		1	.8%				
Memory Usage			5	3%			
Image 1 Firmware Version							
Image 2 Firmware Version							
IPv4 Default Gateway							
IPv6 Default Gateway							
DNS							
LAN Configuration							
IP Address							
Subnet Mask							
DHCP Server							
MAC Address							
LAN Port Status							
Name	5	Status		S	speed	Mod	le
LAN1		Up			1000	Ful	1
LAN2		NoLink			Auto	Aut	0
Wi-Fi Status							
SSID	Band	Channe	el Ba	ndwidth	Encryption	Standards	Clients
ELTX-2.4GHz_WiFi_1658	2.4G	3	4	0 MHz	WPA2	b/g/n	0
WAN Configuration							
nterface VLAN ID MA	AC Conr	nection ype	Protocol	IP Addre	ss / Subnet Mask	Gateway	Statu
Refresh							

System

- Manufacturer ;
 Model ;
 Uptime ;
 Hardware Version ;
 Serial Number ;
 Destination of the Version ;

- Serial Number ;
 Bootloader Version ;
 Bootloader CRC32 sum ;
 Current FW CRC32 sum ;
 Backup FW CRC32 sum ;
 CPU Usage CPU;
 Memory Usage ;
 Image 1 Firmware Version (Active) ;
 Image 2 Firmware Version ;

- IPv4 Default Gateway IPv4;
 IPv6 Default Gateway IPv6;
- DNS- DNS-.

LAN Configuration

- IP Address IP-;
- Subnet Mask ;
 DHCP Server DHCP-;
 MAC Address MAC- .

LAN Port Status

- Name LAN-;
 Status LAN-;
- Speed ;
- Mode (half-duplex/full-duplex/auto).

Wi-Fi Status

- *SSID* ;
- *Band* , , ;
- Channel -;
- Bandwidth -;
- Encryption ;
- Standarts ; • Clients – .

WAN Configuration

- Interface ;
 VLAN ID VLAN ID ;
- *MAC* MAC- ;
- Connection Type ;
- Protocol-;
- IP Address/Subnet Mask IP-/;
- Gateway -; • Status - .
- «Refresh».

«IPv6 Status». IPv6

IPv6.

Status IPv6

IPv6 Status This page show	5 vs the current syst	em status of IPv6.			
LAN Config	guration				
IPv6 Address	5				
IPv6 Link-Lo	cal Address		fe80::ce9d:a2ff:feeb	9174/128	
Prefix Dele	gation				
Prefix					
IPv6 addre	ss LAN GUA				
Prefix					
WAN Confi	guration				
Interface	VLAN ID	Connection Type	Protocol	IP Address	Status
Refresh					

LAN Configuration

- IPv6 Address IPv6-;
- IPv6 Link-Local Address IPv6-.

Prefix Delegation

• Prefix - IPv6-.

IPv6 address LAN GUA

• Prefix –.

WAN Configuration

- Interface ;
 VLAN ID VLAN ID ;
- Connection Type ;
- Protocol ;
 IP Address IP- ;
 Status .

«Refresh».

«PON».

PON-.

Status PON

PON Status					
This page shows the current system status of PON.					
PON Status					
Temperature	53.945313 C				
Voltage	3.339200 V				
Tx Power	No signal				
Rx Power	No signal				
Bias Current	6.250000 mA				
GPON Status					
ONU State	01				
ONU ID	255				
LOID Status	Initial Status				
Refresh					

PON Status

- Temperature ;
- Voltage –;
 Tx Power ;
- *Rx Power* ; *Bias Current* .

GPON Status

- *ONU State* ONU;
 ONU ID ONU ID;
 LOID Status LOID.

«Refresh».

«LAN». LAN

LAN.

LAN Interface Settings	
This page is used to configure the LAN	l interface of your Device. Here you may change the setting for IP addresses, subnet mask,
etc	
InterfaceName:	br0
IP Address:	192.168.1.1
Subnet Mask:	255.255.255.0
IPv6 Address:	fe80::1
IPv6 DNS Mode:	HGWProxy V
Prefix Mode:	WANDelegated ~
WAN Interface:	▼
IGMP Snooping:	ODisabled Enabled
Ethernet to Wireless Blocking:	Disabled Cenabled
LAN1:	ODisabled Enabled
LAN2:	
Apply Changes	

- Interface name ;
 IP Address IPSubnet Mask ;
- IPv6 Address IPv6-;
- IPv6 Address IPv6;
 IPv6 DNS Mode :

 HGWProxy DNS IPv6;
 WANConnection WAN- DNS-;
 Static DNS- (IPv6 DNS1, IPv6 DNS2).

 Prefix Mode Prefix (WAN-):

 WANDelegated , ;
 Static Prefix.

 WANL Interface WAN- WANDelegated
- WAN Interface WAN-, WANDelegated.
 IGMP Snooping (Enabled/Disabled) / IGMP Snooping;
 Ethernet to Wireless Blocking (Enabled/Disabled) /;
 LAN1/LAN2 (Enabled/Disabled) LAN-.

«Apply Changes».

«WLAN».

.

«Basic settings».

WLAN.

WLAN Basic Settings

	· · · · · · · · · · · · · · · · · · ·		
Disable WLAN Interfact	e Disable WLA	N Root SSID	
Band:	2.4 GHz (B+G+		
Mode:	AP ~	Multiple AP	
SSID:	ELTX-2.4GHz_W	iFi_9174	
Channel Width:	40MHz ∨		
Control Sideband:	Upper ~		
Channel Number:	Auto 🗸		
Radio Power (%):	100% 🗸		
TX restrict:	0 Mbps (0:r	o restrict)	
RX restrict:	0 Mbps (0:r	o restrict)	
Associated Clients:	Show Active WLAN C	lients	
WLAN Interface – ; WLAN Root SSID – ; Wi-Fi [.]			
e WLAN Interface – ; e WLAN Root SSID – ; - Wi-Fi; - (AP/Client); 'Service Set Identifier) – (); (SSID) ELTX-2.4GHz_W	; ⁄iFi-aaaa, – 4 WAN M	AC. WAN MAC . (2.4).	
e WLAN Interface – ; e WLAN Root SSID – ; - Wi-Fi; - (AP/Client); 'Service Set Identifier) – (); (SSID) ELTX-2.4GHz_W (SSID) E	; /iFi-aaaa, – 4 WAN M .4 (N), 2.4 (G+N), 2.4 (rr) (Wi-Fi: 2.4 (N), 2.4	AC. WAN MAC . (2.4). 3+G+N)); (G+N), 2.4 (B+G+N));	
e WLAN Interface – ; e WLAN Root SSID – ; - Wi-Fi; - (AP/Client); (SSID) ELTX-2.4GHz_W (SSID) ELTX-2.4GHz_W el Width – 20, 40 (Wi-Fi: 2. Sideband – , (Lower Upper el Number – : • Auto – . Power (%) – ; trict – ; strict – ; iated Clients – . nges».	; /iFi-aaaa, – 4 WAN M .4 (N), 2.4 (G+N), 2.4 (or) (Wi-Fi: 2.4 (N), 2.4	AC. WAN MAC . (2.4). 3+G+N)); (G+N), 2.4 (B+G+N));	
<pre>e WLAN Interface - ; e WLAN Root SSID - ; - Wi-Fi; - (AP/Client); Service Set Identifier) - (); (SSID) ELTX-2.4GHz_W (SSID) ELTX-2.4GHz_W (SSID) ELTX-2.4GHz_W (SSID) ELTX-2.4GHz_W (SID) ELTX-2.4GHz_W (SSID) ELTX-2.</pre>	; /iFi-aaaa, – 4 WAN M .4 (N), 2.4 (G+N), 2.4 (rf) (Wi-Fi: 2.4 (N), 2.4	AC. WAN MAC . (2.4). B+G+N)); (G+N), 2.4 (B+G+N));	
<pre>e WLAN Interface - ; e WLAN Root SSID - ; - Wi-Fi; - (AP/Client); 'Service Set Identifier) - (); (SSID) ELTX-2.4GHz_W (SSID) ELTX-2.4GHz_W el Width - 20, 40 (Wi-Fi: 2. Visideband - , (Lower Upper el Number - : • Auto Power (%) - ; trict - ; strict - ; iated Clients nges». , . 8 63 ASCII NLAN Client» WLAN.</pre>	; /iFi-aaaa, – 4 WAN M .4 (N), 2.4 (G+N), 2.4 (r) (Wi-Fi: 2.4 (N), 2.4	AC. WAN MAC . (2.4). 3+G+N)); (G+N), 2.4 (B+G+N));	
e WLAN Interface – ; e WI-AN Root SSID – ; - Wi-Fi; - (AP/Client); (SErvice Set Identifier) – (); (SSID) ELTX-2.4GHz_W (SSID) ELTX-2.4GHz_W el Width – 20, 40 (Wi-Fi: 2. Sideband – , (Lower Upper el Number – : • Auto – . Power (%) – ; trict – ; strict – ; iated Clients – . nges». , . 8 63 ASCII WLAN Client» WLAN.	; /iFi-aaaa, – 4 WAN M .4 (N), 2.4 (G+N), 2.4 (er) (Wi-Fi: 2.4 (N), 2.4 (WLAN Basic seta	AC. WAN MAC . (2.4). 3+G+N)); (G+N), 2.4 (B+G+N));	
<pre>e WLAN Interface - ; e WI-AN Root SSID - ; - Wi-Fi; - (AP/Client); (Service Set Identifier) - (); (SSID) ELTX-2.4GHz_W (SSID) ELTX</pre>	; /iFi-aaaa, – 4 WAN M .4 (N), 2.4 (G+N), 2.4 (ar) (Wi-Fi: 2.4 (N), 2.4 (N), 2.4 (AC. WAN MAC . (2.4). B+G+N)); (G+N), 2.4 (B+G+N));	
<pre>e WLAN Interface - ; e WLAN Root SSID - ; - Wi-Fi; - (AP/Client); 'Service Set Identifier) - (); (SSID) ELTX-2.4GHz_W (SSID) ELTX-2.4GHz_W el Width - 20, 40 (Wi-Fi: 2. (SSID) ELTX-2.4GHz_W el Width - 20, 40 (Wi-Fi: 2. (SSID) ELTX-2.4GHz_W (SSID) ELTX-2.4GH</pre>	; /iFi-aaaa, – 4 WAN M .4 (N), 2.4 (G+N), 2.4 (or) (Wi-Fi: 2.4 (N), 2.4 (N), 2.4 (AC. WAN MAC . (2.4). 3+G+N)); (G+N), 2.4 (B+G+N)); ings Show Active WLAN Client	are and

MAC Address	Tx Packets	Rx Packets	Tx Rate (Mbps)	Power Saving	Expired Time (sec)
None					
Refresh Clos	e				

- *MAC Address* MAC- ; *Tx Packets* ;

- Rx Packets ;
- Tx Rate (Mbps) , /;
 Power Saving ;
- Expired Time (sec) , . •

«Refresh», «Close».

.

«Advanced settings».

WLAN Advanced settings

Fragment Threshold:	2346	(256-2346)			
RTS Threshold:	2347	(0-2347)			
Beacon Interval:	100	(20-1024 ms)			
DTIM Period:	1	(1-255)			
Data Rate:	Auto 🗸				
Preamble Type:	Long Pream	ble OShort Preamble			
Broadcast SSID:	Enabled C	Enabled Obisabled			
Client Isolation:	OEnabled	CEnabled Disabled			
Protection:	OEnabled	Disabled			
Aggregation:	Enabled C	Enabled ODisabled			
Short GI:	Enabled C	Enabled Obisabled			
TX beamforming:	OEnabled	OEnabled OEnabled			
Multicast to Unicast:	OEnabled	OEnabled OEnabled			
WMM Support:	Enabled	Disabled			
802.11k Support:		Disabled			

- Fragment Threshold .
- RTS Threshold , RTS, RTS/CTS (/);
 Beacon Interval , , ;
 DTIM Period ;

- DTIM Period ;
 Data rate ;
 Preamble Type : (Long Preamble)/ (Short Preamble);
 Broadcast SSID (Enable/Disabled) SSID (Disabled SSID);
 Client Isolation (Enable/Disabled) 1;
 Protection (Enable/Disabled) 1;
 Aggregation (Enable/Disabled) 1;
 Short G1 (Enable/Disabled) 1;
 Ty ben forming (Enable/Disabled) 1;

- TX beamforming (Enable/Disabled) / ;
 Multicast to Unicast (Enable/Disabled) / multicast unicast;
- ٠
- *WIMM Support* (*Enable/Disabled*) / Wi-Fi Multimedia; *802.11k Support* (*Enable/Disabled*) / Radio Resource managment .

«Apply Changes».

«Security».

, WPS.

WLAN Security

WLAN Security Settings This page allows you setup the WLAN access to your wireless network.	security. Turn on WEP or WPA by using Encryption Keys could prevent any unauthorized
SSID Type:	Root AP - ELTX-2.4GHz_WiFi_9174 🗸
Encryption:	WPA 🗸
Authentication Mode:	OEnterprise (RADIUS) Personal (Pre-Shared Key)
WPA Cipher Suite:	
Group Key Update Timer:	86400
Pre-Shared Key Format:	Passphrase ~
Pre-Shared Key:	Show Password
Apply Changes	

- SSID Type SSID; ٠
 - Encryption :
 - NONE ()-
 - WEP WEP:
 - WPA/WPA2/WPA2 Mixed/WPA3/WPA3 Mixed- WPA/WPA2/WPA2 Mixed/WPA3/WPA3 Mixed.

WEP :

- 802.1x Authentication 802.1x (RADIUS, WEP-);
- Authentication :
 - Open system ;
 - Shared Key ;
- Auto -.
 Key Length () 64 128;
 Key Format () ASCII HEX;
 Encryption Key () 10 16- 5 ASCII 164-. 26 16-, 13 ASCII 128-.

WPA/WPA2/WPA2 Mixed, :

- Authentication Mode Enterprise (RADIUS) Personal (Pre-Shared Key). Enterprise (RADIUS) :
 - RADIUS Server IP Address IP- RADIUS-;
 - RADIUS Server Port- RADIUS-. 1812;
 - RADIUS Server Password RADIUS-;
- IEEE 802.11w-
 - None –
- Capable ;
 Required .
 SHA256 (Enable/Disable) / SHA256.
- WPA Cipher Suite - WPA TKIP AES,
- Group Key Update Timer- ;
- Pre-Shared Key Format ASCII HEX;
- Pre-Shared Key .

«Show Password». «Apply Changes».

«Access control».

MAC-. MAC- Current Access Control List- . «Allowed Listed», MAC-, Current Access Control List. «Deny Listed» MAC-, , Current Access Control List. «Apply Changes».

WLAN Access control

WLAN Access Contr If you choose 'Allowed Listed' to your Access Point. When 'I	ol , only those WLAN clients whose MAC a Deny Listed' is selected, these WLAN cliv	addresses are in the access control list will be able t ents on the list will not be able to connect the Acces	o connec s Point.
Mode:	Disabled ~	Apply Changes	
MAC Address:	(ex	«. 00E086710502)	
Add Reset			
Current Access Contro	l List		
	MAC Address	Select	
	00:e0:86:71:05:02		
	00:e0:86:71:05:01		
Delete Selected Delet	e All		

- Mode MAC-:
 Disabled ;
 Allowed Listed ();
 Deny Listed ().
 MAC Address MAC- . , «Add», «Reset».
- , «Delete Selected», , «Delete All».

«WiFi radar».

IBSS. ,

WLAN WiFi radar

WLAN Site Survey This page provides tool to scan the wireless network. If any Access Point or IBSS is found, you could choose to connect it manually when client mode is enabled.							
SSID	SSID BSSID Channel Type Encryption Power (dBm)						
Refresh							

:

- SSID-;
 BSSID-MAC-;
 Channel-;
 Type- (AP, Client ,);
 Encryption-;
 Power (dBm)-.

«Refresh».

«WPS». Wi-Fi

WPS (Wi-Fi Protected Setup, Wi-Fi).

WLAN WPS

Wi-Fi Protected Setup This page allows you to change the setting for WPS (Wi-Fi Protected Setup). Using this feature could let your WLAN client automically syncronize its setting and connect to the Access Point in a minute without any hassle.							
Disable WPS							
WPS Status:	Configured UnConfigu	ured					
Auto-lock-down state:	Unlocked Unlock						
Push Button Configuration:	Push Button Configuration: Start PBC						
Apply Changes Reset	Apply Changes Reset						
Current Key Info							
Authentication	Encryption	Кеу					
WPA2 PSK	AES	Show Password					

• Disable WPS-WPS;

 Push Button Configuration – WPS .

«Show Password». «Apply Changes».

«Status». WLAN

WLAN.

WLAN Status

WLAN Status This page shows the WLAN current status.

- *Mode* AP- ;
- Band , , ;
 SS/D ;
- Channel Number ;
- Channel Width ;
- Encryption ;
 BSSID MAC- ;
- Associated Clients .

«WAN».

«PON WAN». PON WAN

PON WAN.

WAN PON WAN

new link 🗸	
Enable VLAN:	
VLAN ID:	
802.1p_Mark	v
Multicast Vlan ID: [1-4095]	
Channel Mode:	Bridged V
Bridge Mode:	Bridged Ethernet (Transparent Bridging) 🗸
Interface Grouping:	Create New Group 🗸
Group Name:	Group_1
Enable NAPT:	
Enable Firewall/SPI:	
Enable QoS:	
Admin Status:	●Enable ○Disable
Connection Type:	Other v
Default Route:	Disable Enable
Enable IGMP-Proxy:	
Enable MLD-Proxy:	

- Enable VLAN VLAN;
 VLAN ID VLAN;

- VLAN/D VLAN;
 802.1p_Mark- 802.1p;
 Channel Mode VLAN;
 Bridged -;
 IPoE DHCP;
 PPPOE point-to-point Ethernet.
- Interface Grouping ;
 Group name ;
 Enable NAPT NAPT;

- Enable IvAP1 NAP1;
 Enable QoS ;
 Admin Status (Enable/Disable) / ;
 Connection Type , WAN;
 Default Route (Enable/Disable) / ;
 Enable IGMP-Proxy IGMP;
 Enable MLD-Proxy MLD.

«Apply Changes», - «Delete».

«Services».

«Service»

«DHCP Setting». DHCP

DHCP- DHCP-.

Services DHCP (Server)

DHCP Mode:	
Enable the DHCP Server on your LAN. The device	r if you are using this device as a DHCP server. This page lists the IP address pools available to hosts distributes numbers in the pool to hosts on your network as they request Internet access.
LAN IP Address: 192.168	3.1.1 Subnet Mask: 255.255.255.0
IP Pool Range:	192.168.1.2 - 192.168.1.254 Show Client
Subnet Mask:	255.255.255.0
Max Lease Time:	86400 seconds (-1 indicates an infinite lease)
DomainName:	bbrouter
Gateway Address:	192.168.1.1
DNS option:	●Use DNS Proxy ◯Set Manually

- DHCP Mode :
 NONE DHCP;

 - *DHCP Relay* DHCP-; *DHCP Server* DHCP-; *DHCP Client* DHCP-.
- IP Pool Range , ;
- Show Client , .
 Subnet Mask ; DHCP, DHCP-;
- Max Leas Time , -1 ;
 DomainName ;
- Gateway Address ;
 DNS option DNS:
- - Use DNS relay DNS ONT ONT; Set manually DNS .
- DHCP Server IP Address IP- DHCP.

«Apply Changes». «Port-Based Filter» «MAC-Based Assignment» MAC .

«Dynamic DNS».

DNS () DNS- () . (,, NTU-52W) IP-. IP-, IPCP PPP- DHCP.

DNS , IP- DHCP, DNS-.

Services Dynamic DNS

Dynamic DNS Con This page is used to configure Dynamic DNS.	figuration gure the Dynamic DN	S address from DynDN	S.org or TZO or N	o-IP. Here you can Add/Remove to			
Enable:							
DDNS Provider:	Dyr	DNS.org V					
Hostname:	123	123123					
Interface	~	~					
DynDns & No-IP Settings							
UserName:	123]			
Password:	ord:						
Add Modify Remove							
Dynamic DNS Table							
Select State	lostname	Username	Service	Status			
Enable	123123	123	dyndns	Cannot connecting to provider			

- Enable DHCP- (IP-);
 D-DNS Provider D-DNS (): DynDNS.org, No-IP.com;
 Custom , . (Hostname) (Interface).

DynDns/No-IP Settings:

- UserName ;
- Password-, D-DNS.

«Dynamic DNS Table» DNS . «Add». / , «Modify»/«Remove» .

«UPnP».

Universal Plug and Play (UPnPTM). UPnP , .

Services UPnP

UPnP Configuration This page is used to configure UP will use UPnP.	nP. The system acts as a daemon when you enable it and select WAN interface (upstream) that
UPnP:	Disable Enable
WAN Interface:	
Apply Changes	
UPnP NAT WAN	
 UPnP (Enable/Disable) – / UPnP; WAN Interface – WAN-, UPnP. 	
Apply Changes».	
D.»	

«RIP».

, RIP . RIP, RIP RIP.

Routing Proto	col:	✓ Apply Changes		
nterface:		0 ~		
Receive Mode:	. [ONE V		
Send Mode: NONE V				
Add				
RIP Config T	able			
Select	Interface	Receive Mode	Send Mode	
	br0	RIP2	RIP2	

• *RIP (Enable/Disable) – /* RIP.

«Apply Changes».

- Interface –, RIP;
 Receive Mode (NONE, RIP1, RIP2, both);
 Send Mode (NONE, RIP1, RIP2, RIP1 COMPAT).

RIP «RIP Config Table». «Delete All», , «Delete Selected».

«Firewall».

«IP/Port Filtering».

. IP- IP- . .

Services Firewall IP/Port Filtering

IP/Port Filtering Entries in this table are used to restrict securing or restricting your local netwo	certain types of data packets through the Gateway. Use of such filters can be helpful in rk.				
Outgoing Default Action:	ODeny Allow				
Incoming Default Action:	OAllow				
Apply Changes					
Direction:	Incoming V				
Protocol:	TCP V				
Rule Action:	● Deny ○ Allow				
Source IP Address:					
Subnet Mask:					
Port:	· · · · · · · · · · · · · · · · · · ·				
Destination IP Address:					
Subnet Mask:					
Port:	·				
WAN Interface:	Any v				
Add					
Current Filter Table					
Select Direction Protoco	Address Source IP Source Port Destination IP Destination IP Interface Rule Address Port Address Port				
Delete Selected Delete All					

- Outgoing Default Action (Denyl Allow) ;
 Incoming Default Action (Denyl Allow) .

«Apply Changes».

«Add»:

- Protocol ;
 Rule Action (Deny/Allow) (l);
 Source IP Address IP- ;
- Subnet Mask ;
 Port ;
- Destination IP Address IP- ;
 - Subnet Mask ;
 Port .
- WAN Interface .

«Current Filter Table». . «Delete selected», – «Delete All».

«MAC Filtering». MAC-

MAC-, MAC- . «Apply Changes».

Services Firewall MAC Filtering

MAC Filtering for Entries in this table are u of such filters can be hel	bridge modules to restrict c pful in securing	de ertain types of data packets from your local networ or restricting your local network.	rk to Internet throu	ugh the Gateway. Use
Outgoing Default Act	ion:	ODeny OAllow		
Apply Changes				
Direction:		Incoming V		
Source MAC Address:				
Rule Action: Deny Allow				
WAN Interface:		Any 🗸		
Add				
Current Filter Table	e			
Select	Direction	Source MAC Address	Interface	Rule Action
Delete Selected	Delete All			

• Outgoing Default Action Deny/Allow – .

«Apply Changes».

«Add»:

- Source MAC Address MAC-, /;
- WAN Interface .

«Current Filter Table». «Rule» («Allow» - «Deny» -). «Delete Selected», «Delete All».

«Port Forwarding».

«Current Port Forwarding Table» . NAT. , -, - , NAT . «Apply Changes».

	Applicatio	n: Half Life	¢			~	
Local IP	Local Port from	Local Port to	Protocol	Remote IP	Remote Port from	Remote Port to	Interfac
	6003	6003	TCP 🗸		6003	6003	Any 🗸
	6003	6003	UDP 🗸		6003	6003	Any 🗸
	7001	7001	Both 🗸		7001	7001	Any 🗸
	27005	27005	UDP 🗸		27005	27005	Any 🗸
	27010	27010	UDP 🗸		27010	27010	Any 🗸
			~				Any 🗸
			~				Any 🗸
			~				Any 🗸
			~				Any 🗸
			~				Any 🗸
			~				Any 🗸
			~				Any 🗸
	Local IP	Local IP Local Port from 0003 6003 001 7001 27005 27010 0000 0000 00000 0000	Local IP Local Port from Local Port to 6003 6003 6003 6003 7001 7001 7005 27005 27010 27010 27010 27010 1 1	Local IP Local Port from Local Port to Protocol 6003 6003 TCP v 6003 6003 UDP v 7001 7001 Both v 27005 27005 UDP v 27010 27010 UDP v 27010 27010 VUP v 27010 27010 V 27010 V V 27010 V	Local Port from Local Port to Protocol IP Remote IP 6003 6003 TCP ×	Local Port from Local Port to Protocol Remote IP Remote Port from 6003 6003 1CP v 6003 6003 6003 UDP v 6003 6003 6003 UDP v 6003 7001 7001 Both v 7001 27005 27005 UDP v 27005 27010 27010 UDP v 27010 27010 27010 VDP v 27010 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <td>Local Port from Local Port to Protocol Remote IP Remote Port from Remote Port to 6003 6003 TCP × 6003</td>	Local Port from Local Port to Protocol Remote IP Remote Port from Remote Port to 6003 6003 TCP × 6003

«Current Port Forwarding Table» Enable :

- Port Forwarding (Enable/Disable) | ;

- Port Forwarding (Enable/Disable) 1;
 Application ;
 Comment ;
 Local /P IP-, ;
 Local port from/to ;
 Protocol (TCP, UDP);
 Remote port from/to . Remote port to ;
 Interface .

«Delete Selected», «Delete All». «Add».

«URL Blocking».

URL . / URL- . / FQDN (Fully Qualified Domain Name) «Add», . *«URL Blocking Table» «Keyword Filtering Table»,* URL- , «Delete Selected». «Delete All»

Services Firewall URL Blocking

Services Firewall Port Forwarding

URL Blocking This page is used to configure the Blo and filtered keyword.	ocked FQDN(Such as tw.yah	oo.com) and filtered keyword. Here you can add/delete FQDN
URL Blocking:		Apply Changes
FQDN:	Add	
URL Blocking Table		
Select		FQDN
		123
Delete Selected Delete All		
Keyword:	Add	
Keyword Filtering Table		
Select		Filtered Keyword
		123
Delete Selected Delete All		

- URL Blocking (Enable/Disable) / URL-Blocking;
 FQDN (Fully Qualified Domain Name) ;
 Keyword .

«Apply Changes».

.

«Domain Blocking».

Services Firewall Domain blocking

Domain Block	Image: Image: Character Image: Character Image: Character Apply Charages	
Domain:	Add	
Domain Bloc	cking Configuration	
Select	Domain	
	123	

Enable, Domain «Add».

- Domain Blocking (Enable/Disable) /;
- Domain- .

«Apply Changes». «Domain BlockingConfiguration», «Delete Selected», «Delete All».

«Port Triggering».

, .

Services Firewall Port Triggering

Port Triggering	t Triggering: OEnable Apply Changes							
Comment		Trigger start port	Trigger end port	Protocol	Incoming start port	Incoming end port	Interface	
				Both 🗸			~	
\dd								
current port	triggering tabl	e						
Select	Comment	Pro	tocol	Trigger port		Incoming	port	Interfac

«current port triggering table» «Enable» :

 Comment - ; Trigger start port - , Trigger end port - , Protocol - ; Incoming start port - , 	Incoming; Incoming; Trigger;	
 Incoming end port – , Interface – . 	Trigger;	
«Apply Changes». «Add».	, «Delete Selected»,	— «Delete All».

```
«DMZ».
```

```
IP- «DMZ Host IP Address» , Port Forwarding, DMZ- ( , ).
```

Services Firewall DMZ

DMZ Configuration A Demilitarized Zone is used to provide Internet services without sacrificing unauthorized access to its local private network. Typically, the DMZ host contains devices accessible to Internet traffic, such as Web (HTTP) servers, FTP servers, SMTP (e-mail) servers and DNS servers.						
DMZ Host:	Obisable Enable					
DMZ Host IP Address:	0.0.0					
Apply Changes						

- *DMZ Host (Enable/Disable) I*; *DMZ Host IP Address –* IP-.

«Apply Changes».

«Advance».

«Advance»

«ARP Table». ARP

MAC-. ARP ARP-, . Internet- . 5 .

Advance Advance ARP table

MAC Address
b4-2e-99-bf-71-96

IP Address – IP- ; *MAC Address* – - .

«Refresh».

«Bridging». Bridging

MAC-, / 802.1d Spanning Tree. .

Advance Advance Bridging

Bridging Configuration This page is used to configure the bridgits attached ports.	e parameters. Here you can change the settings or view some information on the bridge and
Ageing Time:	7200 (seconds)
802.1d Spanning Tree:	Obisabled Enabled
Apply Changes Show MACs	

- Ageing Time ();
 802.1d Spanning Tree (Enable/Disable) / 802.1d Spanning Tree.

«Apply Changes».

, «Show MACs».

Advance Advance Bridging Show MACs

Bridge For This table show	warding Database vs a list of learned MAC addre	sses.		
Port	MAC Address	Is Local?	Ageing Timer	
1	b4-2e-99-bf-71-96	no	0.00	
Refresh	Close			

- *Port* ;
- MAC Address MAC-;
 Is Local? ;
 Ageing Timer –

«Refresh», - «Close».

«Routing».

.

Advance Advance Routing

Routing Control This page is us	onfigurati sed to configu	on re the routing information	on. Here you can add/dele	ete IP routes.				
Enable:								
Destination:	:							
Subnet Mas	k:							
Next Hop:								
Metric:								
Interface:		Any 🗸						
Add Route	Add Route Update Delete Selected Show Routes							
Static Rou	te Table							
Select	State	Destination	Subnet Mask	Next Hop	Metric	Interface		

«Enable», «Add Route».

- Enable- ;
- Destination ;
- ٠ Subnet Mask-;
- Next Hop-;
- Metric ; • Interface - .

«Static Route Table». «Update», «Delete Selected».

, «Show Routes», «IP Route Table».

Advance Advance Routing Show Routes

Ī	IP Route Table								
	This table showner the showner of th	ws a lis	st of destination rou	tes commo	nly access	ed by your			
	Destinatio	on	Subnet Mask	Next Hop	Metric	Interface			
	127.0.0.0)	255.255.255.0	*	0	lo			
	192.168.1	.0	255.255.255.0	*	0	br0			
	239.255.255.250		255.255.255.255	*	0	br0			
	Refresh	Close)						

«Refresh», - «Close».

«Interface Grouping».

. . :

- 1. Available Interface
 (Available Interface
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 . (Available Interface).

Advance Advance Interface Grouping

Interface Grouping Cor	nfiguration			
Select:	New Grou	p 🗸		
Enable:				
Name:				
Grouped Inter	faces		Available Interfaces	
wlan0	*	~	LAN1 LAN2 wlan0-vap0 wlan0-vap1 wlan0-vap2	
Apply Changes				
Interface Grouping Table				
Name	Status		Interfaces	Action
DEFAULT	Enable	LAN1,LAN2,wla	n0,wlan0-vap0,wlan0-vap1,wlan0-vap2	

«Link mode». LAN-

LAN-. LAN1/2 - , 10M Half Mode, 10M Full Mode, 100M Half Mode, 100M Full Mode Auto Mode ().

Advance Advance Link mode

Ethernet Link Speceric Set the Ethernet link speceric	Ethernet Link Speed/Duplex Mode Set the Ethernet link speed/duplex mode.					
LAN1:	10M Half Mode 🗸					
LAN2:	Auto Mode 🗸					
Apply Changes						

«Apply Changes».

«IP QoS». (QoS)

«QoS Policy». QoS-

QoS- .

Advance IP QoS QoS Policy

P Q05		ODisable		●E	Enable			
QoS Queue	Config							
This page is used to configure the QoS policy and Queue. If select PRIO of policy, the lower numbers imply greater precedence If select WRR of policy, please input the weight of this queue. Default is 40:30:20:10. After configration, please click 'Apply Changes'								
Policy:		● PRIO	Ov	VRR				
Queue	Policy	Priority	Weight	Enable	Rate			
Q1	PRIO	1			0 КВ			
Q2	PRIO	2			0 кв			
Q3	PRIO	3			0 кв			

- IP QoS (Enable/Disable) / QoS-;
 Policy :

 PRIO PRIO : ;
 WRR WRR : 40:30:20:10.

«Apply Changes».

«QoS Classification».

, .

Advance IP QoS QoS Classification

QoS This pa	Classif age is use	to add or de	elete classicification	rule.(After add	l a new rule,	please click '	Apply Changes' to	take effect.)	
		Mark				Classificatio			
ID	Name	Order	DSCP Mark	802.1p	Queue	Wanlf	Rule Detail	Delete	Edit

«Add» .

Advance IP QoS QoS Classification Add

uleName:	rule_]			
RuleOrder:]			
Assign IP Precedence	e/DSCP/802.1p						
Precedence:		Queue	1	~			
DSCP Remarking:				~			
802.1p:				~			
Specify Traffic Classification Rules							
IP OoS Rule by type:	OPor	t O	Ethery Type	OIP/Protoco	OMAC Address		

- RuleName-;
- RuleOrder .

Assing IP Precedence/DSCP/802.1p - IP.

- *Precedence* ; *DSCP* IP-; *802.1p* 802.1Q.

Specify Traffic Classification Rules - .

- IP QoS Rule by type :
 - Port ;
 Ethery Type Ethertype;
 IP/Protocol IP;

 - MAC Address MAC-.

«Apply Changes».

«Traffic Shaping».

Advance IP QoS Traffic Shaping

IP	IP QoS Traffic Shaping										
ID	Protocol	Source Port	Destination Port	Source IP	Destination IP	Rate(kb/s)	Delete	IP Version	Direction		
A	dd Apply	/ Changes									

«Add» .

.

Advance IP QoS Traffic Shaping Add

Add IP QoS Traffic Shaping	Rule
IP Version:	IPv4 v
Direction:	Upstream V
Protocol:	NONE V
Source IP:	
Source Mask:	
Destination IP:	
Destination Mask:	
Source Port:	
Destination Port:	
Rate Limit:	kb/s
Close Apply Changes	

- IP Version IP-;
- Direction- , ;
- Protocol ;
- Source IP IP- ;
- Source Mask-
- Destination IP- IP- ;
- Destination Mask- ;
- Source Port- ;
 Destination Port- ;
- Rate Limit (kb/s) , /.

«Apply Changes», «Close».

«IPv6». IPv6

«IPv6 Enable/Disable». IPv6

IPv6 Configuration

/ IPv6-, «Enable»/«Disable».

Advance IPv6 IPv6 Enable/Disable	

This page be used to configure I	Pv6 enable/disable
IPv6:	
Apply Changes	

«Apply Changes».

«RADVD». RADVD

RADVD (Router Advertisement Daemon).

RADVD Configuration	
MaxRtrAdvInterval:	600
MinRtrAdvInterval:	198
AdvManagedFlag:	●off ○on
AdvOtherConfigFlag:	⊖off ●on
Apply Changes	

Advance IPv6 RADVD

- MaxRtrAdv/Interval RA (Router Advertisement);
 MinRtrAdv/Interval RA;
 AdvManagedFlag / Managed RA;
 AdvOtherConfigFlag / Other RA.

«Apply Changes».

«DHCPv6». DHCPv6-

DHCPv6-.

Advance IPv6 DHCPv6

DHCPv6 Settings This page is used to config	gure DHCPv6 Server and DHCPv6 Relay.
DHCPv6 Mode:	
This page is used to con	figure the upper interface (server link) for DHCPv6 Relay.
Upper Interface:	
Apply Changes	

- DHCPv6 Mode : NONE DHCP-;
 - *DHCPRelay* DHCP-; *DHCPServer* DHCP-.

«Apply Changes».

«MLD proxy». MLD proxy

MLD proxy.

Advance IPv6 MLD proxy

MLD Proxy Configuration This page be used to configure MLD Proxy.	
Robust Count:	2
Query Interval:	125 (Second)
Query Response Interval:	2000 (millisecond)
Response Interval of Last Group Member:	2 (Second)
Apply Changes	

- Robust Count MLD ;
 Query Interval , Query;
 Query Response Interval , Query ;
- Response Interval of Last Group Member Group-Specific .

«Apply Changes».

«MLD snooping». MLD snooping

/ MLD snooping, «Enable»/«Disable».

Advance IPv6 MLD snooping

MLD Snooping Conf This page be used to configu	iguration Ire MLD Snooping.	
MLD Snooping:		
Apply Changes		

«Apply Changes».

«IPv6 routing». IPv6-

IPv6-.

Advance IPv6 IPv6 routing

IPv6 Static I This page is used	Routing C d to configure	onfiguration the IPv6 static routing info	ormation. Here you can add/	delete static IP rou	tes.
Enable:					
Destination:					
Next Hop:					
Metric:					
Interface:		Any 🗸			
Add Route	Update	Delete Selected De	lete All Show Routes		
Select	State	Destination	Next Hop	Metric	Interface

• Enable- ;

- Destination ;
- Next Hop ;
- ٠ Metric -;
- Interface .

IP Route Table

This table shows a list of destination routes commonly accessed by your network

Destination	Next Hop	Flags	Metric	Ref	Use	Interface
fe80::/64		U	1024	2	11	br0
fe80::/64		U	256	0	0	br0
::1/128		U	0	1	0	lo
fe80::/128		U	0	1	0	lo
fe80::ce9d:a2ff:feeb:9174/128		U	0	2	8	lo
ff00::/8		U	256	2	1069	br0
Refresh Close						

• Destination - ;

- Next Hop ;
 Flags ;
- Metric ;
- *Ref*-; • Use-;
- Interface , .

«Refresh», - «Close».

«IPv6 IP/Port filtering».

, .

Advance IPv6 IP/Port filtering

IPv6 IP/Port Filtering Entries in this table are used to securing or restricting your loc	o restrict certa al network.	ain types of data pack	through the	Gateway. Use of su	ich filters can be help	ful in
Outgoing Default Action:	0	Deny OAllow				
Incoming Default Action:	0	Deny OAllow				
Apply Changes						
Direction:	l	ncoming 🗸				
Protocol:	l	CMPV6 V				
Rule Action:	0	Deny 🔍 Allow				
Source IP Address:			-			
Source Prefix Length:						
Destination IP Address:			-			
Destination Prefix Length:						
Source Port:			-			
Destination Port:			-			
Add						
Current Filter Table						
Select Direction	Protocol	Source IP Address	Source Port	Destination IP Address	Destination Port	Rule Action
Delete Selected Delete	All					

- Outgoing Default Action :
 - Deny– Allow–
- Incoming Default Action :
 Deny ;
 Allow .

;

- Direction :

 - Outgoing- ; Incoming- .

- Incoming .
 Protocol ;
 Rule Action (Deny/Allow) (l);
 Source IP Address IP-;
 Source Prefix Length ;
 Destination IP Address IP-;
 Destination Profix Length ;
- Destination Prefix Lenght ;
- Source Port-;
- Destination Port .

«Add». «Current Filter Table». «Delete All», , «Delete Selected».

«IPv6 ACL». IPv6 ACL

IPv6,

WAN, LAN.

Advance IPv6 IPv6 ACL

ccess CPE. Here you can ad	d/delete the IP Address.	Jontroi List. If ACL is enad	lied, only the IP address	in the ACL Table car
IPv6 ACL Capability:	ODisable OEnab	le	Apply Changes	
Enable:				
Interface:	LAN 🗸			
Source IP Address:				
Source Prefix Length:				
ServiceName		LA	N	
Any			I	
TELNET			l	
FTP			I	
TFTP			l	
HTTP			l	
HTTPS			I	
PING		V		
Add				
Current ACL Table				
Select State	Interface	IP Address	Services	Port

«Current ACL Table» Enable :

- IPv6 ACL Capability ;
 Enable IPv6 ACL;
 Interface IPv6 ACL;
 Source IP Address/Source Prefix Lenght , ;
 Services , ICMP, Telnet, HTTP. LAN .

«Add». «Delete Selected».

«Diagnostics»

«Ping».

Ping, ICMP.

Diagnostics Ping

Ping Diagnostics	
This page is used to send ICI	MP ECHO_REQUEST packets to network host. The diagnostic result will then be displayed.
Host Address:	
WAN Interface:	Any 🗸
Go	

• WAN Interface – , .

IP- «Host Address» «Go».

«Ping6».

Ping, ICMPv6.

Diagnostics Ping6

Ping6 Diagnostics This page is used to send ICMPv6 ECHO_REQUEST packets to network host. The diagnostic result will then be displayed.		
Host Address:		
WAN Interface:	Any 🗸	
Go		

- WAN Interface , .
- IP- «Host Address» «Go».

«Traceroute». IPv4

UDP- /.

Diagnostics Traceroute

Traceroute Diagnostics This page is used to print the route packets trace to network host. The diagnostic result will then be displayed.		
Protocol:	UDP 🗸	
Host Address:		
Number Of Tries:	3	
Time out:	5s	
Data Size:	56 Bytes	
DSCP:	0	
Max HopCount:	30	
WAN Interface:	Any 🗸	
Go		

- Protocol , ;
 Host Address , ;
 Number Of Tries ;
 Time out ;
 Data Size ;
 DSCP Differentiated services codepoint ;
 Max HopCount ;
 WAN Interface , .

«Go».

«Traceroute6». IPv6

UDP- /.

Diagnostics Traceroute6

Host Address:	
NumberOfTries:	3
Timeout:	5s
Datasize:	56 Bytes
MaxHopCount:	30
WAN Interface:	Any 🗸

- Host Address , ;
 Number Of Tries ;
 Time out ;
 Data Size ;

- Max HopCount ;
 WAN Interface , .

«Go».

«Admin»

. ,, .

«GPON Settings». GPON

Admin GPON Settings

GPON Settings	
This page is used to configure the part	rameters for your GPON network access.
PLOAM Password:	000000000
Serial Number:	454C54588C00003C
OMCI OLT Mode:	Default Mode
Apply Changes	

- *PLOAM Password* OLT; *Serial Number* PON CPE.

«Apply Changes».

«OMCI Information»

Admin OMCI Information

OMCI Information		
OMCI Vendor ID:	ELTX	
OMCI software version 1:	3.0 1 2790	
OMCI software version 2:	3.0.1.2793	
OMCC version:	540	
Traffic Managament option:	2	
CWMP Product Class:	NTU-52W	
HW version:	142	

- OMCI Vendor ID ;
 OMCI software version 1 ;
 OMCI software version 2 ;
 OMCC version OMCI;
 Traffic Managment option ;
 CWMP Product Class ;

. .

- HW version .

«Apply Changes».

«Commit/Reboot».

«Commit and Reboot»

Admin Commit/Reboot

Commit and Reboot		
This page is used to commit changes to system memory and reboot your system.		
Commit and Reboot: Commit and Reboot		

«Backup/Restore».

(Backup Settings)	«Backup Settings to File», ,	(Update Settings) «Restore»	(Restore Default),	«Reset Settings to Default».
		Admin Backup/Restore		

Backup and Restore Settings This page allows you to backup current settings to a you could reset the current settings to factory default	file or restore the settings from the file which was saved previously. Besides,
Backup Settings to File:	Backup
Restore Settings from File:	Выберите файл Файл не выбран Restore
Reset Settings to Default:	Reset

«Password». ()

.

Admin Password

Password Configuration		
This page is used to set the account to ac protection.	cess the web server of your Device. Empty user name and password will disable the	
UserName:	admin 🗸	
Old Password:		
New Password:		
Confirmed Password:		
Apply Changes Reset		

Old Password, New Password Confirmed Password.

«Apply hanges», - «Reset».

«Firmware upgrade».

, « » «Upgrade», «Reset».

Admin Firmware upgrade

	Firmware Upgrade This page allows you upgrade the firmware to the newer version. Please note that do not power off the device during the upload because this make the system unbootable.	
	Выберите файл Файл не выбран	
	Upgrade Reset	
. ,		

«ACL»

Admin Firmware upgrade

ACL Configuration This page is used to configure the IP Address for Access Control List. If ACL is enabled, only the IP address in the ACL Table can access CPE. Here you can add/delete the IP Address.				
Apply Changes				
Enable:				
Interface:	LAN 🗸	LAN 🗸		
IP Address:				
Subnet Mask:				
Protocol:	~	~		
Add				
ACL Table				
Select State	Interface	IP Address	Services	Port
Enable	LAN	0.0.0/0	HTTP	80
Enable	LAN	0.0.0/0	ICMP	N/A
Enable	LAN	0.0.0/0	HTTPS	443
Delete Selected				

«ACL Table» Enable :

- Interface ;
 IP Address IP-;
 Subnet Mask ;
- Protocol- .

«Add». «Delete Selected».

«Time zone».

, -.

Admin Time zone

Time Zone Configuration You can maintain the system time by synchronizing with a public time server over the Internet.			
Current Time :	Year 1970 Mon 1 Day 2 Hour 0 Min 4 Sec 45		
Time Zone Select :	Asia/Novosibirsk (UTC+06:00)		
Enable Daylight Saving Time			
Enable SNTP Client Update			
WAN Interface:	▼		
SNTP Server :	192.5.41.41 - North America (Manual Setting)		
SNTP Interval :	86400 (seconds)		
Apply Changes Refresh			

- Current time ;
 Time Zone Select ;
 Enable Daylight Saving Time ;
 Enable SNTP Client Update SNTP;
 WAN Interface , ;
 SNTP Server ;

• SNTP Interval- NTP-.

«Apply Changes», «Refresh».

«TR-069». TR-069

TR-069.

Admin TR-069

TR-069 Configuration This page is used to configure the	TR-069 CPE. Here you may change the setting for the ACS's parameters.					
TR069 Daemon:	Enabled Obisabled					
EnableCWMPParamete:	Enabled Obsabled					
ACS						
URL:	http://192.168.200.10:9595					
UserName:	acs					
Password:	acsacs					
Periodic Inform:	Disabled Enabled					
Periodic Inform Interval:	3600					
Connection Request						
UserName:	admin					
Password:	admin					
Path:						
Port:	30005					
Apply Undo						
Certificate Management						
Enable CWMP WAN ACL:	Enabled Disabled Apply Changes					
IP Address:						
Subnet Mask:						
Add						
CWMP WAN ACL Table						
Select	IP Address					
Delete Selected						

TR069 Daemon (Enable/Disabled) – / TR-069; *EnableCWMPParamete (Enable/Disabled) – /* CWMP;

ACS - ACS-.

- URL-URL ;

- DRL ORL ,
 UserName ;
 Password ;
 Periodic Inform -/ ;
 Periodic Inform Interval .

Connection Request -ONT.

- UserName ;
 Password ;
- Path ;
 Port .

«Statistics».

«Interface».

1.

Statistics Interface

nterface Stat	isitcs					
Interface	Rx pkt	Rx err	Rx drop	Tx pkt	Tx err	Tx drop
LAN1	164018	0	0	79699	0	0
LAN2	0	0	0	0	0	0
LAN3	3190638	0	0	0	0	0

- Interface -;
 Rx pkt-;
 RX err-;
 Rx drop-;
 Tx pkt-;
 Tx err-;
 Tx drop-.

«PON».

.

Statistics PON

PON Statistics	
Bytes Sent:	0
Bytes Received:	0
Packets Sent:	0
Packets Received:	0
Unicast Packets Sent:	0
Unicast Packets Received:	0
Multicast Packets Sent:	0
Multicast Packets Received:	0
Broadcast Packets Sent:	0
Broadcast Packets Received:	0
FEC Errors:	0
HEC Errors:	0
Packets Dropped:	0
Pause Packets Sent:	0
Pause Packets Received:	0
Reset Statistics	

- Bytes Received ;
 Packets Sent ;
 Packets Received ;
 Unicast Packet Sent Unicast-;
 Unicast Packet Received Unicast-;
 Multicast Packets Sent Multicast-;
 Multicast Packets Received Multicast-;
 Broadcast Packet Sent ;
 Broadcast Packet Received ;
 FEC Errors FEC;
 HEC Errors HEC;
 Packets Dropped ;
 Pause Packets Received .

1.2	3.0.3	07.2023	
1.1	3.0.2	03.2023	
1.0	3.0.1	02.2023	