

QONT-9-4G-2V-1W

Оглавление

1. ЗАКЛАДКА STATUS	5
1.1. Device Info – базовая информация об устройстве	5
1.2. Network Info – состояние сети	5
1.2.1 Wan info – состояние подключений	5
1.3. xPON Info – состояние PON	6
1.4. User Info – информация о подключенный клиентах	6
1.5. VoIP Info – состояние подключения к сервису VoIP	7
1.6. TR069 Status – состояние подключения к серверу TR69	7
2. ЗАКЛАДКА NETWORK	8
2.1. – Internet - создание подключения	8
2.2. - Режим Bridge	9
2.3. - Режим Route	10
2.4. Lan Vlan – настройки транслирования VLAN	12
2.5. Multicast Lan Vlan – настройки транслирования VLAN для многоадресного вещания	13
2.6. LAN Settings - Настройки локальной сети	14
2.6.1 Настройки сети для протокола IPv4	14
2.7. Настройки сети для протокола IPv6	15
2.8. Rate limit – настройки скорости на ethernet портах	15
2.9. Проверка на наличие петель.	15
2.10. WLAN – настройки WiFi	16
2.10.1 WLAN Basic – Базовые настройки WiFi	16
2.11. Security – настройки безопасности беспроводной сети	17
2.12. WLAN Advanced – Продвинутые настройки беспроводной сети	18
2.13. Station Info – состояние подключений.	19
2.14. TR69 – настройки подключения к серверу TR-69	20
2.15. SNMP settings – настройки SNMP	21
2.16. QOS – Настройки QOS (качество обслуживания).	22
2.17. Time Server – настройки сервера времени	23
2.18. Route – настройка статических маршрутов	24

3. ЗАКЛАДКА SECURITY	25
3.1. URL Filter – Фильтрация интернет-адресов	25
3.2. Firewall – Фаерволл	25
3.3. MAC Filter – Фильтрация Мак адресов	26
3.4. Port Filter – Фильтрация портов TCP\IP, UDP.	26
4. ЗАКЛАДКА APPLICATION	27
4.1. NAT – настройки NAT	27
4.1.1 ALG – Настройки шлюза для уровня приложений.	27
4.2. DMZ – настройки «демилитаризованной зоны»	27
4.3. Virtual Server – настройки виртуального сервера	28
4.4. UPNP – Включение Universal Plug & Play	28
4.5. VoIP	29
4.5.1 General settings – Основные настройки VoIP	29
4.6. VoIP Advanced – продвинутые настройки VoIP	30
4.7. VoIP Debug – отладка VoIP	31
4.8. IGMP – Настройки IGMP	31
4.8.1 IGMP SNOOPING – включение функции IGMP SNOOPING	31
4.9. IGMP PROXY	32
4.10. MAC Limited	32
4.11. MLD	33
4.12. Other	33
4.12.1 Family Storage – файловое хранилище	33
4.13. IPTV – настройки вещания.	33
5. ЗАКЛАДКА MANAGEMENT	34
5.1. User Manage – настройка пользователей для входа на устройство.	34
5.2. Device Manage – управление устройством	34
5.2.1 Device Reboot – перезагрузка устройства	34
5.3. Update Image – обновление прошивки	35
5.4. USB Backup – сохранение файла конфигурации на USB накопитель	35
5.5. Configure Manage – резервное копирование и восстановление файла конфигурации	35
5.6. Load Default – восстановление значений по умолчанию	36
5.7. Log File	36

5.8. Maintain - поддержка	36
6. ЗАКЛАДКА DIAGNOSE	37
6.1. Line Diagnose	37
6.2. PING Diagnose	37
6.3. Tracert Diagnose	38
6.4. Inform reported	38
6.5. Закладка Help	38

1. ЗАКЛАДКА STATUS

1.1. Device Info – базовая информация об устройстве

Status	Status	Network	Security	Application	Management	Diagnose	Help
	Device Info	Network Info	User Info	VoIP Info	TR069 Status		

Device Basic Info

Device model:	QONT-9-4G-2V-1W
Device Mark No.	001fce-001fcea5fbc
Hardware Version:	STDHGU-1.0
Software Version:	1.0.03.1607061537
CFE Version:	CFE=1.0.38-117.80

1.2. Network Info – состояние сети

1.2.1 Wan info – состояние подключений

Status	Status	Network	Security	Application	Management	Diagnose	Help
	Device Info	Network Info	User Info	VoIP Info	TR069 Status		

WAN Info

Interface	Description	Type	VlanMuxId	Vlan8021p	IGMP	NAT	IPv6	MLD	Status	IPv4 Address	IPv6 Address
veip0.1	2_VOIP_INTERNET_R_VID_55	Router	55	Disable	Enable	Enable	Disable	Disable	Unconfigured		
veip0.2	3_VOIP_R_VID_3500	Router	3500	Disable	Enable	Disable	Disable	Disable	Unconfigured		

Network Info

Interface	Default Gateway	Subnet Mask	DNS Server	IPv6 Default GW	IPv6 DNS Server
veip0.1	0.0.0.0	0.0.0.0			
veip0.2	10.150.0.1	255.255.255.0	8.8.8.8,8.8.8.8		

1.3. xPON Info – состояние PON

Status	Status	Network	Security	Application	Management	Diagnose	Help																																																									
	Device Info	Network Info	User Info	VoIP Info	TR069 Status																																																											
WAN Info																																																																
xPON Info	GPON Info <table border="1"> <tr> <td>Temperature(°C):</td> <td>45.707031</td> </tr> <tr> <td>Voltage(V):</td> <td>3.231900</td> </tr> <tr> <td>Current(mA):</td> <td>16.059999</td> </tr> <tr> <td>Send Power(dBm):</td> <td>3.136774</td> </tr> <tr> <td>Receive Power(dBm):</td> <td>-14.522253</td> </tr> </table> Receive & Send Info <table border="1"> <thead> <tr> <th rowspan="2">Interface</th> <th colspan="7">Receive</th> <th colspan="4">Send</th> </tr> <tr> <th>Bytes</th> <th>Fragments</th> <th>Frames</th> <th>Messages</th> <th>DroppedFrames</th> <th>AcceptedMcastFrames</th> <th>DroppedMcastFrames</th> <th>Bytes</th> <th>Fragments</th> <th>Frames</th> <th>Messages</th> </tr> </thead> <tbody> <tr> <td>GPON</td> <td>14208</td> <td>0</td> <td>296</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>15548</td> <td>0</td> <td>299</td> <td></td> </tr> <tr> <td>OMCI</td> <td>14208</td> <td>296</td> <td>0</td> <td>296</td> <td>0</td> <td>0</td> <td>0</td> <td>14352</td> <td>0</td> <td>0</td> <td></td> </tr> </tbody> </table>							Temperature(°C):	45.707031	Voltage(V):	3.231900	Current(mA):	16.059999	Send Power(dBm):	3.136774	Receive Power(dBm):	-14.522253	Interface	Receive							Send				Bytes	Fragments	Frames	Messages	DroppedFrames	AcceptedMcastFrames	DroppedMcastFrames	Bytes	Fragments	Frames	Messages	GPON	14208	0	296	0	0	0	0	15548	0	299		OMCI	14208	296	0	296	0	0	0	14352	0	0	
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OMCI	14208	296	0	296	0	0	0	14352	0	0																																																						

1.4. User Info – информация о подключенных клиентах

Информация о подключениях по беспроводной сети

Status	Status	Network	Security	Application	Management	Diagnose	Help																																														
	Device Info	Network Info	User Info	VoIP Info	TR069 Status																																																
WLAN Interface	WLAN Interface Info <table border="1"> <tr> <td>WLAN Connection Status:</td> <td>Enable</td> </tr> <tr> <td>Channel:</td> <td>1</td> </tr> <tr> <td>SSID-1 Name:</td> <td>FTTH1</td> </tr> <tr> <td>SSID-1 Security Status:</td> <td>Disable</td> </tr> <tr> <td>SSID-2 Name:</td> <td>FTTH2</td> </tr> <tr> <td>SSID-2 Security Status:</td> <td>Disable</td> </tr> <tr> <td>SSID-3 Name:</td> <td>FTTH3</td> </tr> <tr> <td>SSID-3 Security Status:</td> <td>Disable</td> </tr> <tr> <td>SSID-4 Name:</td> <td>FTTH4</td> </tr> <tr> <td>SSID-4 Security Status:</td> <td>Disable</td> </tr> </table> Receive/Send Info <table border="1"> <thead> <tr> <th rowspan="2">Interface</th> <th colspan="4">Receive</th> <th colspan="4">Send</th> </tr> <tr> <th>Bytes</th> <th>Pkts</th> <th>Errs</th> <th>Drops</th> <th>Bytes</th> <th>Pkts</th> <th>Errs</th> <th>Drops</th> </tr> </thead> <tbody> <tr> <td>Wireless</td> <td>803724</td> <td>10083</td> <td>0</td> <td>0</td> <td>2444891</td> <td>21913</td> <td>0</td> <td>0</td> </tr> </tbody> </table>							WLAN Connection Status:	Enable	Channel:	1	SSID-1 Name:	FTTH1	SSID-1 Security Status:	Disable	SSID-2 Name:	FTTH2	SSID-2 Security Status:	Disable	SSID-3 Name:	FTTH3	SSID-3 Security Status:	Disable	SSID-4 Name:	FTTH4	SSID-4 Security Status:	Disable	Interface	Receive				Send				Bytes	Pkts	Errs	Drops	Bytes	Pkts	Errs	Drops	Wireless	803724	10083	0	0	2444891	21913	0	0
WLAN Connection Status:	Enable																																																				
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SSID-4 Security Status:	Disable																																																				
Interface	Receive				Send																																																
	Bytes	Pkts	Errs	Drops	Bytes	Pkts	Errs	Drops																																													
Wireless	803724	10083	0	0	2444891	21913	0	0																																													

Информация по подключениях через Ethernet порты

Status	Status	Network	Security	Application	Management	Diagnose	Help																																																																			
	Device Info	Network Info	User Info	VoIP Info	TR069 Status																																																																					
WLAN Interface LAN Interface USB Interface	<p>Gateway Info</p> <table border="1"> <tr> <td rowspan="2">IP Address:</td> <td>LAN IPv4 Address:</td> <td>192.168.1.1</td> </tr> <tr> <td>LAN IPv6 Address:</td> <td></td> </tr> <tr> <td>MAC Address:</td> <td colspan="2">00:1F:CE:FA:5F:BC</td> </tr> </table> <p>Receive/Send Info</p> <table border="1"> <thead> <tr> <th rowspan="2">Interface</th> <th colspan="4">Receive</th> <th colspan="4">Send</th> </tr> <tr> <th>Bytes</th> <th>Pkts</th> <th>Errs</th> <th>Drops</th> <th>Bytes</th> <th>Pkts</th> <th>Errs</th> <th>Drops</th> </tr> </thead> <tbody> <tr> <td>LAN1</td> <td>5148562</td> <td>57284</td> <td>0</td> <td>0</td> <td>19607108</td> <td>64328</td> <td>0</td> <td>0</td> </tr> <tr> <td>LAN2</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>LAN3</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>LAN4</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <p>LAN Device Info</p> <table border="1"> <thead> <tr> <th>IP Address</th> <th>MAC Address</th> <th>Device Type</th> </tr> </thead> <tbody> <tr> <td>192.168.1.2</td> <td>c4:12:f5:d4:ae:47</td> <td>Computer</td> </tr> </tbody> </table>							IP Address:	LAN IPv4 Address:	192.168.1.1	LAN IPv6 Address:		MAC Address:	00:1F:CE:FA:5F:BC		Interface	Receive				Send				Bytes	Pkts	Errs	Drops	Bytes	Pkts	Errs	Drops	LAN1	5148562	57284	0	0	19607108	64328	0	0	LAN2	0	0	0	0	0	0	0	0	LAN3	0	0	0	0	0	0	0	0	LAN4	0	0	0	0	0	0	0	0	IP Address	MAC Address	Device Type	192.168.1.2	c4:12:f5:d4:ae:47	Computer
IP Address:	LAN IPv4 Address:	192.168.1.1																																																																								
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LAN2	0	0	0	0	0	0	0	0																																																																		
LAN3	0	0	0	0	0	0	0	0																																																																		
LAN4	0	0	0	0	0	0	0	0																																																																		
IP Address	MAC Address	Device Type																																																																								
192.168.1.2	c4:12:f5:d4:ae:47	Computer																																																																								

1.5. VoIP Info – состояние подключения к сервису VoIP

Status	Status	Network	Security	Application	Management	Diagnose	Help												
	Device Info	Network Info	User Info	VoIP Info	TR069 Status														
VoIP Info	<p>VoIP Info</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Line1</th> <th>Line2</th> </tr> </thead> <tbody> <tr> <td>Registering status</td> <td>Registered</td> <td>Registered</td> </tr> <tr> <td>User status</td> <td>Idle</td> <td>Idle</td> </tr> <tr> <td>Phone No.</td> <td>103</td> <td>104</td> </tr> </tbody> </table>							Name	Line1	Line2	Registering status	Registered	Registered	User status	Idle	Idle	Phone No.	103	104
Name	Line1	Line2																	
Registering status	Registered	Registered																	
User status	Idle	Idle																	
Phone No.	103	104																	

1.6. TR069 Status – состояние подключения к серверу TR69

Status	Status	Network	Security	Application	Management	Diagnose	Help
	Device Info	Network Info	User Info	VoIP Info	TR069 Status		
TR069 Connect Configuration	<p>Inform sending status :</p> <p>Inform data is fail to be verified</p> <p>Accept ITMS connection request status :</p> <p>Remote connection procedure initiated by ITMS is interrupted</p>						

2. ЗАКЛАДКА NETWORK

2.1. – Internet - создание подключения

Network	Status	Network	Security	Application	Management	Diagnose	Help								
	Internet	LAN Settings	WLAN	TR069	SNMP	QoS	Time Server	Route							
<ul style="list-style-type: none"> Internet LAN VLAN Multicast LAN VLAN 	<h4>WAN Settings</h4> <p>Configure the WAN parameters.</p> <p>Uplink Mode: <input type="text" value="GPON"/></p> <p>Connection Name: <input type="text" value="2_VOIP_INTERNET_R_VID_55"/></p> <p>Mode: <input type="text" value="Route"/></p> <p>Protocol Mode: <input type="text" value="IPv4"/></p> <p> <input checked="" type="radio"/> DHCP Automatically obtain an IP address from your ISP <input type="radio"/> Static Configure a static IP address supplied by your ISP <input type="radio"/> PPPoE Select this option if your ISP uses PPPoE </p> <p>MTU: <input type="text" value="1492"/></p> <p>NAT: <input checked="" type="checkbox"/></p> <p>Enable Vlan: <input checked="" type="checkbox"/></p> <p>Vlan ID: <input type="text" value="55"/></p> <p>802.1p: <input type="text" value="0"/></p> <p>VLAN Mode: <input type="text" value="Tag"/></p> <p>Service Mode: <input type="text" value="VOIP_INTERNET"/></p> <p>Port Binding:</p> <table style="width: 100%;"> <tr> <td><input type="checkbox"/> Port_1</td> <td><input type="checkbox"/> Port_2</td> </tr> <tr> <td><input type="checkbox"/> Port_3</td> <td><input type="checkbox"/> Port_4</td> </tr> <tr> <td><input type="checkbox"/> Wlan(SSID1)</td> <td><input type="checkbox"/> Wlan(SSID2)</td> </tr> <tr> <td><input type="checkbox"/> Wlan(SSID3)</td> <td><input type="checkbox"/> Wlan(SSID4)</td> </tr> </table> <p><small>Note: The bound port can not be shared by different WAN connections, and the last binding operation will cover the previous one!</small></p> <p> <input type="button" value="Save/Apply"/> <input type="button" value="Del"/> </p>							<input type="checkbox"/> Port_1	<input type="checkbox"/> Port_2	<input type="checkbox"/> Port_3	<input type="checkbox"/> Port_4	<input type="checkbox"/> Wlan(SSID1)	<input type="checkbox"/> Wlan(SSID2)	<input type="checkbox"/> Wlan(SSID3)	<input type="checkbox"/> Wlan(SSID4)
<input type="checkbox"/> Port_1	<input type="checkbox"/> Port_2														
<input type="checkbox"/> Port_3	<input type="checkbox"/> Port_4														
<input type="checkbox"/> Wlan(SSID1)	<input type="checkbox"/> Wlan(SSID2)														
<input type="checkbox"/> Wlan(SSID3)	<input type="checkbox"/> Wlan(SSID4)														

В поле Connection Name выбираем пункт Add WAN Connection

Далее выбираем режим подключения в поле Mode – Bridge или Route

2.2. - Режим Bridge

Network	Status	Network	Security	Application	Management	Diagnose	Help
	Internet	LAN Settings	WLAN	TR069	SNMP	QoS	Time Server
<ul style="list-style-type: none"> Internet LAN VLAN Multicast LAN VLAN 	<h3>WAN Settings</h3> <p>Configure the WAN parameters.</p> <p>Uplink Mode: <input type="text" value="GPON"/></p> <p>Connection Name: <input type="text" value="2_VOIP_INTERNET_R_VID_55"/></p> <p>Mode: <input type="text" value="Bridge"/></p> <p>MTU: <input type="text" value="1500"/></p> <p>Enable Vlan: <input checked="" type="checkbox"/></p> <p>Vlan ID: <input type="text"/></p> <p>802.1p: <input type="text"/></p> <p>VLAN Mode: <input type="text" value="Tag"/></p> <p>Service Mode: <input type="text" value="INTERNET"/></p> <p>Port Binding:</p> <p><input type="checkbox"/> Port_1 <input type="checkbox"/> Port_2</p> <p><input type="checkbox"/> Port_3 <input type="checkbox"/> Port_4</p> <p><input type="checkbox"/> Wlan(SSID1) <input type="checkbox"/> Wlan(SSID2)</p> <p><input type="checkbox"/> Wlan(SSID3) <input type="checkbox"/> Wlan(SSID4)</p> <p><small>Note: The bound port can not be shared by different WAN connections, and the last binding operation will cover the previous one!</small></p> <p><input type="button" value="Save/Apply"/> <input type="button" value="Del"/></p>						

В данном режиме ONT работает как коммутатор. Далее описание полей.
 MTU – maximal transfer unit – максимальный размер пакета
 Enable Vlan : вкл\выкл поддержки вланов

Vlan ID : Если поддержка вланов включена, то в этом поле пишем нужный нам влан.

802.1p : Назначаем приоритет(QoS)

VLAN Mode : Выбираем режим работы влана

Transparent – пропускать теги в пакетах

Tag – снимать тэг при прохождении пакета.

Service Mode : В данном режиме это поле роли не играет.

Port Binding : назначаем порт к которому привязано данное подключение (если не указать ничего, то подключение будет работать на всех портах)

Enable Vlan : вкл\выкл поддержки вланов

Vlan ID : Если поддержка вланов включена, то в этом поле пишем нужный нам влан.

802.1p : Назначаем приоритет (QoS)

VLAN Mode : Выбираем режим работы влана

Тут работает только 1 режим -> Tag – снимать тэг при прохождении пакета.

Service Mode : режим работы подключения

TR069_VOIP_INTERNET

TR069

TR069_VOIP

TR069_INTERNET

VOIP

VOIP_INTERNET

INTERNET

Other

Port Binding : Привязка подключения к порту.

После всех изменений обязательно нажать кнопку "Save/Apply"

2.4. Lan Vlan – настройки транслирования VLAN

Local Area Network (LAN) VLAN Basic Settings

Advanced Mode Settings

When setting LAN VLAN, you should add an **Others transparent bridge** on **Internet** page.
Notice: The **Advanced Mode** is independent with **Basic Mode**.
 When **Advanced Mode** is set to enable VLAN, the rules of **Advanced Mode** should be taken effect.
 When **Advanced Mode** is set to disable VLAN, the rules of **Basic Mode** should be taken effect.

Select a LAN port:

Enable VLAN Mode

Received VLAN ID	Translation VLAN ID

Notice: When Received/Translation VLAN ID is 0, it means that received/translation packet without VLAN.
 When Received VLAN ID is same as Translation VLAN ID, it means there is a VLAN trunk rule.
 When Received VLAN ID is different with Translation VLAN ID, it means there is a VLAN translate rule.

Данные настройки применяются для транслирования одного VLAN в другой.

2.5. Multicast Lan Vlan – настройки транслирования VLAN для многоадресного вещания

Network	Status	Network	Security	Application	Management	Diagnose	Help
	Internet	LAN Settings	WLAN	TR069	SNMP	QoS	Time Server

Internet
LAN VLAN
Multicast LAN VLAN

Local Area Network (LAN) Multicast VLAN Basic Settings

Select a LAN port:

Enable VLAN Mode

Received VLAN ID	Translation VLAN ID

Enable VLAN Cross

Notice: When Received/Translation VLAN ID is 0, it's mean that received/translation packet without VLAN.
When Received VLAN ID is same as Translation VLAN ID, it's mean there is a VLAN trunk rule.
When Received VLAN ID is difference with Translation VLAN ID, it's mean there is a VLAN translate rule.

Данные настройки применяются для транслирования multicast VLAN в другой.

2.6. LAN Settings - Настройки локальной сети

2.6.1 Настройки сети для протокола IPv4

Network	Status	Network	Security	Application	Management	Diagnose	Help
	Internet	LAN Settings	WLAN	TR069	SNMP	QoS	Time Server

LAN Settings

Configure the IP address and subnet mask of the LAN access ports of the CPE. Click "Save/Apply" button to save the LAN configuration.

IP Address:

Subnet Mask:

Disable DHCP server
 Enable DHCP server

Beginning IP Address:

Ending IP Address:

Subnet Mask:

Lease Time:

DNS Manual:

Primary DNS:

Secondary DNS:

Reserved IP address

Select "Add" or "Del" to configure reserved IP allocations in the DHCP server.
 Note: A maximum of 10 reserved IP address are allowed. (Local IP and MAC will not occupy the quota)

MAC Address	IP Address	Del
00:1f:ce:fa:5f:bc	192.168.1.1	<input type="checkbox"/>

На этой странице мы задаем IP адрес во внутренней сети абонента
 Включение, выключение и настройки DHCP сервера для внутренней сети.
 Резервирование адресов по мак адресу для выдачи DHCP сервером.

2.7. Настройки сети для протокола IPv6

Network	Status	Network	Security	Application	Management	Diagnose	Help
	Internet	LAN Settings	WLAN	TR069	SNMP	QoS	Time Server
IPv4	<p>IPv6 LAN address distribution Attention: When DHCP status mode = ON; if the prefix length is less than 64 and address compression "::" is not supported, please input the complete address. Such as "0:0:0:2", do NOT abbreviate the address. Example "::2".</p> <p>LAN static IPv6 address setting IPv6 static address(Prefix should be set, such as fd00::1/64): <input type="text"/></p> <p>IPv6 LAN Applications</p> <p><input checked="" type="checkbox"/> Enable DHCPv6 Server</p> <p><input checked="" type="radio"/> Stateless</p> <p><input type="radio"/> Stateful</p> <p>Starting Interface ID: <input type="text" value="0:0:0:2"/></p> <p>Ending Interface ID: <input type="text" value="0:0:0:254"/></p> <p>Lease Time(Hours): <input type="text"/></p> <p><input checked="" type="checkbox"/> Enabling Radvd</p> <p><input type="checkbox"/> Enable ULA Prefix Advertisement</p> <p>Static ULA Prefix:(fd00::/64) <input type="text"/></p> <p>Preferred Life Time (hour): <input type="text" value="-1"/></p> <p>Valid Life Time (hour): <input type="text" value="-1"/></p> <p style="text-align: right;">Save/Apply</p>						
IPv6							
Rate Limited							
Loop Test							

2.8. Rate limit – настройки скорости на ethernet портах

Network	Status	Network	Security	Application	Management	Diagnose	Help
	Internet	LAN Settings	WLAN	TR069	SNMP	QoS	Time Server
IPv4	<p>LAN Rate Limited</p> <p>LAN1: <input type="text" value="0"/> kb/s</p> <p>LAN2: <input type="text" value="0"/> kb/s</p> <p>LAN3: <input type="text" value="0"/> kb/s</p> <p>LAN4: <input type="text" value="0"/> kb/s</p> <p style="text-align: right;">Save/Apply</p>						
IPv6							
Rate Limited							
Loop Test							

2.9. Проверка на наличие петель.

Network	Status	Network	Security	Application	Management	Diagnose	Help
	Internet	LAN Settings	WLAN	TR069	SNMP	QoS	Time Server
IPv4	<p>Loop Test</p> <p><input checked="" type="checkbox"/> Enable Loop Test</p> <p style="text-align: right;">Save/Apply</p>						
IPv6							
Rate Limited							
Loop Test							

2.10. WLAN – настройки WiFi

2.10.1 WLAN Basic – Базовые настройки WiFi

Network | Status | Network | Security | Application | Management | Diagnose | Help

Internet | LAN Settings | **WLAN** | TR069 | SNMP | QoS | Time Server | Route

WLAN Basic

Wireless -- Basic

This page is used to configure basic features of wireless LAN port. Including enable or disable wireless LAN port, hide SSID from being scanned by AP, set wireless network name (SSID), set channel frequency according to different country standards and so on. Click on "Save/Apply" to take effect the basic configuration of wireless.

Enable Wireless

Hide Access Point

Clients Isolation

Disable WMM Advertise

Enable Wireless Multicast Forwarding (WMF)

SSID:

BSSID: 00:1F:CE:FA:5F:BD

Country:

Max Clients:

Wireless - Virtual Interface:

Enabled	SSID	Hidden	Isolate Clients	Disable WMM Advertise	Enable WMF	Max Clients	BSSID
<input type="checkbox"/>	<input type="text" value="FTTH2"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="16"/>	N/A
<input type="checkbox"/>	<input type="text" value="FTTH3"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="16"/>	N/A
<input type="checkbox"/>	<input type="text" value="FTTH4"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text" value="16"/>	N/A

Enable Wireless – Вкл\выкл WiFi

Hide Access Point – скрыть из обнаружения точку доступа

Clients Isolation – Изоляция клиентов (подключенные устройства не будут видеть друг друга)

Disable WMM Advertise – Выключение WMM (Wi-Fi Multimedia)

Enable Wireless Multicast Forwarding (WMF) – Разрешение транслирования multicast потоков через WiFi

SSID: - имя сети

BSSID: 00:1F:CE:FA:5F:BD - мак адрес точки доступа

Country: - страна нахождения

Max Clients: - разрешенный максимум клиентов

2.11. Security – настройки безопасности беспроводной сети

Network	Status	Network	Security	Application	Management	Diagnose	Help
	Internet	LAN Settings	WLAN	TR069	SNMP	QoS	Time Server

WLAN Basic	WLAN Config -- Security <p>This page is used to configure the security of wireless LAN interface. Including WPS on/off, authentication methods, data encryption, Wi-Fi authentication key, key length and so on.</p> WPS Setup <p>Enable WPS <input type="text" value="Disabled"/></p> Manual Setup AP <p>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. Click "Apply/Save" when done.</p> <p>Select SSID: <input type="text" value="FTTH1"/></p> <p>Network Authentication: <input type="text" value="Open"/></p> <p>WEP Encryption: <input type="text" value="Disabled"/></p> <p><input type="button" value="Save/Apply"/></p>
Security	
WLAN Advanced	
Station Info	

2.12. WLAN Advanced – Продвинуые настройки беспроводной сети

Network	Status	Network	Security	Application	Management	Diagnose	Help
	Internet	LAN Settings	WLAN	TR069	SNMP	QoS	Time Server

WLAN Basic	Wireless -- Advanced
Security	This page is used to configure advanced features of wireless LAN port. Including speed, TRS, power-saving mode, access point beacons, XPress mode and so on. Click "Save/Apply" to take effect advanced configurations of wireless.
WLAN Advanced	
Station Info	

Band:	2.4GHz	
Channel:	Auto	Current: 1 (interference: acceptable)
Auto Channel Timer(min)	0	
802.11n/EWC:	Auto	
Bandwidth:	20MHz	Current: 20MHz
Control Sideband:	Lower	Current: N/A
802.11n Rate:	Auto	
802.11n Protection:	Auto	
Support 802.11n Client Only:	Off	
RIFS Advertisement:	Off	
OBSS Coexistence:	Disable	
RX Chain Power Save:	Disable	Power Save status: Full Power
RX Chain Power Save Quiet Time:	10	
RX Chain Power Save PPS:	10	
54g™ Rate:	1 Mbps	
Multicast Rate:	Auto	
Basic Rate:	Default	
Fragmentation Threshold:	2346	
RTS Threshold:	2347	
DTIM Interval:	1	
Beacon Interval:	100	
Global Max Clients:	16	
XPress™ Technology:	Disabled	
Transmit Power:	100%	
WMM(Wi-Fi Multimedia):	Enabled	
WMM No Acknowledgement:	Disabled	
WMM APSD:	Enabled	

[Save/Apply](#)

2.13. Station Info – состояние подключений.

Network	Status	Network	Security	Application	Management	Diagnose	Help
	Internet	LAN Settings	WLAN	TR069	SNMP	QoS	Time Server

WLAN Basic

Security

WLAN Advanced

Station Info

Wireless -- Authenticated Stations

This page shows authenticated wireless stations and their status.

MAC	Associated	Authorized	SSID	Interface
-----	------------	------------	------	-----------

2.14. TR69 – настройки подключения к серверу TR-69

Network	Status	Network	Security	Application	Management	Diagnose	Help
	Internet	LAN Settings	WLAN	TR069	SNMP	QoS	Time Server

ITMS Server
LOID

TR-069 Client Configuration

WAN Management Protocol (TR-069) allows the auto-configuration server (ACS) to do automatic configuration and diagnostics of this device.

Set values as you need, and click "Apply/Save" to configure the TR-069 client options.

Inform Disable Enable

Secure Link:

Inform Interval:

ACS URL:

ACS User Name:

ACS Password:

WAN Interface used by TR-069 client:

Display SOAP messages on serial console Disable Enable

Connection Request Authentication

Connection Request User Name:

Connection Request Password:

Connection Request URL:

2.15. SNMP settings – настройки SNMP

The screenshot shows the QTECH web interface. At the top left is the QTECH logo with the tagline "МИР ДОСТУПНЕЕ". To the right is a "Logout" link. Below the logo is a navigation menu with tabs: "Network" (selected), "Status", "Network", "Security", "Application", "Management", "Diagnose", and "Help". Under the "Network" tab, there are sub-tabs: "Internet", "LAN Settings", "WLAN", "TR069", "SNMP" (selected), "QoS", "Time Server", and "Route".

The main content area is titled "SNMP Setting" and "SNMP - Configuration". It contains the following text:

Simple Network Management Protocol (SNMP) allows a management application to retrieve statistics and status from the SNMP agent in this device.

Select the desired values and click "Apply" to configure the SNMP options.

SNMP Agent Disable Enable

Read Community:

Set Community:

System Name:

System Location:

System Contact:

Trap Manager IP:

At the bottom right of the configuration area is a "Save/Apply" button.

2.16. QOS – Настройки QOS (качество обслуживания).

The screenshot displays the QoS configuration page within a network management application. The top navigation bar includes tabs for Status, Network, Security, Application, Management, Diagnose, and Help. Under the Network tab, sub-tabs for Internet, LAN Settings, WLAN, TR069, SNMP, QoS, Time Server, and Route are visible. The QoS configuration area includes:

- Mode Row: A dropdown menu set to 'OTHER'.
- Enable QoS: An unchecked checkbox.
- Upstream bandwidth(kfps): A text input field containing '0'.
- Queue Precedence: Radio buttons for Priority (selected), WRR, and CAR.
- Enable DSCP: An unchecked checkbox.
- Enable 802.1P: Radio buttons for Disable (selected), Unchange, and Replace.

Queue	Priority
1	Highest
2	High
3	Medium
4	Low
5	Low
6	Low
7	Low
8	Low

Service Name	Queue
""	1
""	1

Type	Value	Protocol	Queue	DSCP	802.1P
------	-------	----------	-------	------	--------

At the bottom of the configuration area, there are three buttons: 'Add Class Type', 'Delete Class Type', and 'Save/Apply'.

2.17. Time Server – настройки сервера времени

Network	Status	Network	Security	Application	Management	Diagnose	Help
	Internet	LAN Settings	WLAN	TR069	SNMP	QoS	Time Server

Time Server

Time Setting

This page allows you to configure time related parameters of your router.

Automatically synchronize with an internet time server

The first NTP time server:

The second NTP time server:

The third NTP time server:

The fourth NTP time server:

The fifth NTP time server:

Timezone:

2.18. Route – настройка статических маршрутов

Network	Status	Network	Security	Application	Management	Diagnose	Help
	Internet	LAN Settings	WLAN	TR069	SNMP	QoS	Time Server

[Static Route](#)

Routing -- Static Route (A maximum 32 entries can be configured)

NOTE: For system created route, the 'Remove' checkbox is disabled.

IP Version	DstIP/ PrefixLength	Gateway	Interface	metric	Remove
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3. ЗАКЛАДКА SECURITY

3.1. URL Filter – Фильтрация интернет-адресов

Security	Status	Network	Security	Application	Management	Diagnose	Help
	URL Filter	Firewall	MAC Filter	Port Filter			
URL Filter	<p>URL Filter -- Please select the list type and set the rules. 100 rules supported at most.</p> <p><input checked="" type="checkbox"/> Enable URL Filter</p> <p>URL List Mode : <input checked="" type="radio"/> Black List <input type="radio"/> White List</p> <p> <input type="text" value="URL Address"/> <input type="text" value="Port"/> <input type="text" value="Del"/> </p> <p> <input type="button" value="Add"/> <input type="button" value="Del"/> </p>						

3.2. Firewall – Фаерволл

Уровни защиты

Security	Status	Network	Security	Application	Management	Diagnose	Help
	URL Filter	Firewall	MAC Filter	Port Filter			
Security Level	<p>Select the Firewall Level:</p> <p>Low: Protect nothing;</p> <p>Medium:Denial of Service protections;</p> <p>High: Forbid ICMP Input, Forbid Port Scan, Denial of Service protections;</p> <p>Firewall Level: <input type="text" value="Low"/></p> <p> <input type="text" value="Service"/> <input type="text" value="WAN->LAN"/> <input type="text" value="LAN->WAN"/> </p> <p><input type="button" value="Save/Apply"/></p>						

Защита от DoS атак

Security	Status	Network	Security	Application	Management	Diagnose	Help
	URL Filter	Firewall	MAC Filter	Port Filter			
Security Level	<p>DoS Protection</p> <p>DOS is used to prevent security attacks aimed at crippling the CPE operation and affecting user services.</p> <p> <input type="radio"/> Disable <input checked="" type="radio"/> Enable <input type="button" value="OK"/> </p>						

3.3. MAC Filter – Фильтрация Мак адресов

Security | Status | Network | **Security** | Application | Management | Diagnose | Help

URL Filter | Firewall | **MAC Filter** | Port Filter

MAC Filter

Add MAC Address Filter Rules

MAC Address Filter: Enable Disable

Filter Mode: Black List White List

MAC Address:

MAC Address	Del
-------------	-----

3.4. Port Filter – Фильтрация портов TCP\IP, UDP.

Port Filter

Port Id: Filter Mode:

Port Id	Filter Mode
Port_1	BlackList
Port_2	BlackList
Port_3	BlackList
Port_4	BlackList

Filter Configuration:

Port Id:

Filter Direction:

EthType S-MAC D-MAC S-IP D-IP Protocol S-Port D-Port

Select Filter Type

Ethernet Type:

Src MAC: (xx:xx:xx:xx:xx:xx)

Dst MAC: (xx:xx:xx:xx:xx:xx)

Src IP:

Dst IP:

Protocol: (0-255)

Src Port: --

Dst Port: --

Port Id	Direction	EthType	SrcMac	DstMac	SrcIp	DstIp	IpProtocol	SrcStartPort	SrcEndPort	DstStartPort	DstEndPort	D
---------	-----------	---------	--------	--------	-------	-------	------------	--------------	------------	--------------	------------	---

4. ЗАКЛАДКА APPLICATION

4.1. NAT – настройки NAT

4.1.1 ALG – Настройки шлюза для уровня приложений.

Application	Status	Network	Security	Application	Management	Diagnose	Help
	NAT	UPNP	VoIP	IGMP	MAC Limited	MLD	Other
ALG DMZ Virtual Server	Application-level Gateway Settings Select ALG: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Enable H.323 <input checked="" type="checkbox"/> Enable SIP <input checked="" type="checkbox"/> Enable RTSP <input checked="" type="checkbox"/> Enable IPSEC <input checked="" type="checkbox"/> Enable FTP <input checked="" type="checkbox"/> Enable L2TP 						
	<input type="button" value="Save/Apply"/>						

Включений разрешений для протоколов передачи данных

4.2. DMZ – настройки «демилитаризованной зоны»

Application	Status	Network	Security	Application	Management	Diagnose	Help
	NAT	UPNP	VoIP	IGMP	MAC Limited	MLD	Other
ALG DMZ Virtual Server	NAT -- DMZ host The CPE Router will send all WAN packets which are not included on the allowed list of the virtual server to the Demilitarised Zone. Input the DMZ Host IP address and click Save/Apply to activate the DMZ host. Clear the IP address and click Save/Apply to deactivate the DMZ host.						
	DMZ Host IP Address: <input type="text"/>						
	<input type="button" value="Save/Apply"/>						

4.3. Virtual Server – настройки виртуального сервера

Application	Status	Network	Security	Application	Management	Diagnose	Help
	NAT	UPNP	VoIP	IGMP	MAC Limited	MLD	Other

ALG
DMZ
Virtual Server

NAT -- Virtual Servers Setup

Virtual Server allows you to direct incoming traffic from WAN side (identified by Protocol and External port) to the Internal server with private IP address on the LAN side. The Internal port is required only if the external port needs to be converted to a different port number used by the server on the LAN side. A maximum 32 entries can be configured.

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

Server Name	External Port Start	External Port End	Protocol	Internal Port Start	Internal Port End	Server IP Address	WAN Interface	Remove
-------------	---------------------	-------------------	----------	---------------------	-------------------	-------------------	---------------	--------

4.4. UPNP – Включение Universal Plug & Play

Application	Status	Network	Security	Application	Management	Diagnose	Help
	NAT	UPNP	VoIP	IGMP	MAC Limited	MLD	Other

UPNP

UPnP Setting

Enable UPnP

[Save/Apply](#)

4.5. VoIP

4.5.1 General settings – Основные настройки VoIP

Application	Status	Network	Security	Application	Management	Diagnose	Help																		
	NAT	UPNP	VoIP	IGMP	MAC Limited	MLD	Other																		
General Settings VoIP Advanced VoIP Debug	<p>Global Basic Settings</p> <p>Input the VoIP service SIP parameters and select Start to apply the settings and start the SIP registrations process. Select Stop to prevent SIP registration from occurring. Select Restart to reinitialise the SIP registration with the current settings.</p> <p>Signalling Protocol: <input type="text" value="SIP"/> (Notice: It will be taken effect after reboot.)</p> <p>Interface Name: <input type="text" value="veip0.2"/> (Note: You must restart the VoIP service for the settings to take effect.)</p> <p>Region : <input type="text" value="CZH - CZECH"/> (Note: You must restart the VoIP service for the settings to take effect.)</p> <p>Proxy Server: <input type="text" value="10.150.0.1"/> Port: <input type="text" value="5060"/></p> <p>External Proxy Server: <input type="text" value="10.150.0.1"/> Port: <input type="text" value="5060"/></p> <p>Registering Server: <input type="text" value="10.150.0.1"/> Port: <input type="text" value="5060"/></p> <p>Port Base Settings</p> <p>Note: User ID maybe phone number or username of SIP server, ask it from your ISP, please.</p> <table border="1"> <thead> <tr> <th>Line</th> <th>Phone1</th> <th>Phone2</th> </tr> </thead> <tbody> <tr> <td>User ID</td> <td><input type="text" value="103"/></td> <td><input type="text" value="104"/></td> </tr> <tr> <td>Display name</td> <td><input type="text" value="103"/></td> <td><input type="text" value="104"/></td> </tr> <tr> <td>Auth Username</td> <td><input type="text" value="103"/></td> <td><input type="text" value="104"/></td> </tr> <tr> <td>Auth Password</td> <td><input type="text" value="***"/></td> <td><input type="text" value="***"/></td> </tr> <tr> <td>ptime Settings</td> <td><input type="text" value="20"/></td> <td><input type="text" value="20"/></td> </tr> </tbody> </table> <p style="text-align: center;"> <input type="button" value="Apply"/> <input type="button" value="Start"/> <input type="button" value="Stop"/> <input type="button" value="Default Settings"/> </p>							Line	Phone1	Phone2	User ID	<input type="text" value="103"/>	<input type="text" value="104"/>	Display name	<input type="text" value="103"/>	<input type="text" value="104"/>	Auth Username	<input type="text" value="103"/>	<input type="text" value="104"/>	Auth Password	<input type="text" value="***"/>	<input type="text" value="***"/>	ptime Settings	<input type="text" value="20"/>	<input type="text" value="20"/>
Line	Phone1	Phone2																							
User ID	<input type="text" value="103"/>	<input type="text" value="104"/>																							
Display name	<input type="text" value="103"/>	<input type="text" value="104"/>																							
Auth Username	<input type="text" value="103"/>	<input type="text" value="104"/>																							
Auth Password	<input type="text" value="***"/>	<input type="text" value="***"/>																							
ptime Settings	<input type="text" value="20"/>	<input type="text" value="20"/>																							

Signalling Protocol: - протокол сигнализаций

Interface Name: - имя подключения, через которое будет работать VoIP

Region : - регион подключения

Proxy Server: - прокси сервер

External Proxy Server: - добавочный прокси сервер

Registering Server: - сервер регистрации

Port Base Settings – настройки телефонных портов.

Line Phone1 Phone2

User ID – номер телефона

Display name – отображаемое имя

Auth Username – Имя пользователя для аутентификации на сервере VoIP

Auth Password – пароль.

ptime Settings - размер RTP-пакета

4.6. VoIP Advanced – продвинутые настройки VoIP

Application	Status	Network	Security	Application	Management	Diagnose	Help
	NAT	UPNP	VoIP	IGMP	MAC Limited	MLD	Other

General Settings

VoIP Advanced

VoIP Debug

VoIP advanced settings

SIP Transport Protocol:

T38 Fax Enable:

Echo Canceller Enable:

Dial Plan:

DTMF Mode:

PRC2833PT(96~127):

HeartBeat Enable:

HeartBeat Cycle:

HeartBeat Count:

Outgain:

Ingain:

SIP Register Interval: s

Reregister failed and retry interval: s

Call Progress Tone

Dial Tone Duration (10~20): s

Short Digit Timer (4~30): s

Busy tone Duration (30~180): s

Howler tone Duration (30~180): s

RingBack Tone Duration (30~120): s

RingMax Duration(30~120): s

CallWait Duration(12~30): s

Codec Priority Settings

Encoder priority 1	<input type="text" value="G. 711MuLaw"/> <input type="button" value="v"/>
Encoder priority 2	<input type="text" value="G. 711ALaw"/> <input type="button" value="v"/>
Encoder priority 3	<input type="text" value="G. 729a"/> <input type="button" value="v"/>
Encoder priority 4	<input type="text" value="G. 723. 1"/> <input type="button" value="v"/>

Call Addition Functions

Line	Line1	Line2
Call Wait	<input type="checkbox"/>	<input type="checkbox"/>
Call Conference	<input type="checkbox"/>	<input type="checkbox"/>
Warm Line	<input type="checkbox"/>	<input type="checkbox"/>
Warm Line Timeout	<input type="text" value="0"/>	<input type="text" value="0"/>
Warm Line Number	<input type="text"/>	<input type="text"/>
CfwdUncond	<input type="checkbox"/>	<input type="checkbox"/>
CfwdUncond Number	<input type="text"/>	<input type="text"/>
CfwdBusy	<input type="checkbox"/>	<input type="checkbox"/>
CfwdBusy Number	<input type="text"/>	<input type="text"/>
CfwdNoAns	<input type="checkbox"/>	<input type="checkbox"/>
CfwdNoAns Timeout	<input type="text" value="30"/>	<input type="text" value="30"/>
CfwdNoAns Number	<input type="text"/>	<input type="text"/>
Call Transfer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Unattended(E/F/0~9)	<input type="text" value="E77"/>	<input type="text" value="E77"/>
Attended(E/F/0~9)	<input type="text" value="E78"/>	<input type="text" value="E78"/>

RTP Transfer Setting

Line	Line1	Line2
Audio port	<input type="text" value="4000"/>	<input type="text" value="4010"/>
T.38 port	<input type="text" value="5000"/>	<input type="text" value="5010"/>

4.7. VoIP Debug – отладка VoIP

The screenshot shows the 'Application' menu with sub-items: NAT, UPNP, VoIP, IGMP, MAC Limited, MLD, and Other. The 'VoIP' sub-item is selected. On the left sidebar, 'General Settings', 'VoIP Advanced', and 'VoIP Debug' are listed. The main content area is titled 'VoIP Debug Testing' and includes the following elements:

- Buttons for 'VoIP General Settings' and 'VoIP Advanced'.
- Fields for 'SIP log server IP Address:' and 'SIP log server port:' (set to 0).
- A dropdown menu for 'Vodsl Console Log Level:' set to 'Error'.
- A table for configuring VoIP lines:

Line	1	2
VAD support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ingress gain	0	0
Egress gain	0	0

Below the table are buttons for 'Start', 'Stop', and 'Apply'.

4.8. IGMP – Настройки IGMP

4.8.1 IGMP SNOOPING – включение функции IGMP SNOOPING

The screenshot shows the 'Application' menu with sub-items: NAT, UPNP, VoIP, IGMP, MAC Limited, MLD, and Other. The 'IGMP' sub-item is selected. On the left sidebar, 'IGMP SNOOPING' and 'IGMP PROXY' are listed. The main content area is titled 'IGMP Snooping Setting' and includes the following elements:

- A descriptive text: 'This page allows you to enable or disable the IGMP Snooping function.'
- Two checked checkboxes: 'Enable IGMP Snooping' and 'Ignore SSM Limiting'.
- A 'Save/Apply' button.

4.9. IGMP PROXY

Application	Status	Network	Security	Application	Management	Diagnose	Help
	NAT	UPNP	VoIP	IGMP	MAC Limited	MLD	Other

IGMP SNOOPING

IGMP PROXY

IGMP Proxy Setting

The IGMP proxy function allows users in LAN to use the internet multimedia services.

IGMP Setting

This page allows you to enable IGMP proxy for a specified WAN connection.

Internet Connect	Enable IGMP Proxy
2_VOIP_INTERNET_R_VID_55	<input checked="" type="checkbox"/>

Default IGMP Version: v2

[Save/Apply](#)

Настройки проксирования для IPTV. Выбор подключения, в котором будет работать функционал IGMP PROXY

4.10. MAC Limited

Application	Status	Network	Security	Application	Management	Diagnose	Help
	NAT	UPNP	VoIP	IGMP	MAC Limited	MLD	Other

MAC Limited

MAC Aging time

MAC Aging:

MAC Address Limited

Total:

LAN1:

LAN2:

LAN3:

LAN4:

[Save/Apply](#)

Ограничение времени жизни и количества мак адресов на портах устройства

4.11. MLD

Application	Status	Network	Security	Application	Management	Diagnose	Help
	NAT	UPNP	VoIP	IGMP	MAC Limited	MLD	Other

MLD SNOOPING

MLD SNOOPING SETTINGS

The Multicast Listener Discovery (MLD) Snooping feature for IPv6 can be enabled here. MLD is used by IPv6 routers for discovering Multicast listeners on a directly attached link.

MLD Snooping Enabling

[Save/Apply](#)

Настройки MLD

4.12. Other

4.12.1 Family Storage – файловое хранилище

Application	Status	Network	Security	Application	Management	Diagnose	Help
	NAT	UPNP	VoIP	IGMP	MAC Limited	MLD	Other

Family Storage

SERVER STATUS

FTP Server: On [Refresh](#)

USB Download

File storage directory: NO USB storage device found /xdown

Username: Password: Port:

Remote URL: [Download](#)

4.13. IPTV – настройки вещания.

Application	Status	Network	Security	Application	Management	Diagnose	Help
	NAT	UPNP	VoIP	IGMP	MAC Limited	MLD	Other

Family Storage

IPTV

Public multicast VLAN

Please select the public multicast VLAN network connection, input the the public multicast VLAN ID. click "Save/Apply" and reboot the device, then you are able to enable/disable the public multicast VLAN function.

A value of -1 indicates to disable the public multicast VLAN function.

Connection Name: 2_VOIP_INTERNET_R_VID_55 ▾

Public multicast VLAN:

Cross VLAN Enable: Disable ▾

[Save/Apply](#)

5. ЗАКЛАДКА MANAGEMENT

5.1. User Manage – настройка пользователей для входа на устройство.

Management	Status	Network	Security	Application	Management	Diagnose	Help
	User Manage	Device Manage	Log File	Maintain			

User Manage

Access Control -- Password

Router is controlled by the following three accounts: Admin, Support and User.

Admin account is able to browse and modify the configuration of your DSL router .

Support account is used to allow an ISP technician to access your DSL Router for maintenance and to run diagnostics.

User account is able to view configuration and status, and do some basic settings.

Password is not more than 16 characters. Click "Save/Apply" to modify or create a password. Note: password is not allowed to contain space.

Username:

Current Login User password:

New Password:

Password Confirm:

5.2. Device Manage – управление устройством

5.2.1 Device Reboot – перезагрузка устройства

Management	Status	Network	Security	Application	Management	Diagnose	Help
	User Manage	Device Manage	Log File	Maintain			

Device Reboot

Update Image

USB Backup

Configure Manage

Load Default

Press the button to reboot your router.

5.3. Update Image – обновление прошивки

Management	Status	Network	Security	Application	Management	Diagnose	Help
	User Manage	Device Manage	Log File	Maintain			

Tools -- Update Software

Step 1: Obtain an updated software image file from your ISP.

Step 2: Enter the path to the image file location in the box below or click the "Browse" button to locate the image file.

Step 3: Click the "Update Software" button once to upload the new image file.

NOTE: The update process takes about 2 minutes to complete, and your DSL Router will reboot.

Software File Name:

5.4. USB Backup – сохранение файла конфигурации на USB накопитель

Management	Status	Network	Security	Application	Management	Diagnose	Help
	User Manage	Device Manage	Log File	Maintain			

Rapid Recover: Enable Disable

Select the USB partition:

5.5. Configure Manage – резервное копирование и восстановление файла конфигурации

Management	Status	Network	Security	Application	Management	Diagnose	Help
	User Manage	Device Manage	Log File	Maintain			

Configuration -- Backup

Backup the configurations of router and save as file in PC.

Configure -- restore

Restore the configurations of router from a file in PC.
Note: Restore will take about 30s, the router will reboot automatic after restore.

Configure file:

5.6. Load Default – восстановление значений по умолчанию

Management	Status	Network	Security	Application	Management	Diagnose	Help
	User Manage	Device Manage	Log File	Maintain			
Device Reboot Update Image USB Backup Configure Manage Load Default	<p>Restore to default settings</p> <p>Restore the router to default settings.</p> <p style="text-align: right;">Load Default</p>						

5.7. Log File

Management	Status	Network	Security	Application	Management	Diagnose	Help
	User Manage	Device Manage	Log File	Maintain			
Log Log Info	<p>System -- Configuration</p> <p>If log mode is enabled, the system will start logging all selected events. Events whose log levels are greater than than your selection will be included. Display level works in the same manner as log level. If "Remote" or "Both" is selected, events will be sent to the specific IP and UDP port where a remote syslog server is to record logging info. If "Local" or "Both" is selected, events will be saved locally on the CPE.</p> <p>Click "Save/Apply" to configure the system log options.</p> <p>Log: <input checked="" type="radio"/> Disable <input type="radio"/> Enable</p> <p>Log Level: <input type="text" value="Debugging"/></p> <p>Display Level: <input type="text" value="Error"/></p> <p>Mode: <input type="text" value="Local"/></p> <p style="text-align: right;">Save/Apply</p>						

Включение логирования и настройки уровня логирования

5.8. Maintain - поддержка

Management	Status	Network	Security	Application	Management	Diagnose	Help
	User Manage	Device Manage	Log File	Maintain			
Maintain	<p>Report end of maintenance</p> <p>Click "End of maintenance" button, the new data will be reported to server automatically.</p> <p style="text-align: right;">End of maintenance</p>						

6. ЗАКЛАДКА DIAGNOSE

6.1. Line Diagnose

Diagnose | Status | Network | Security | Application | Management | **Diagnose** | Help

Diagnose

- Line Diagnose
- PING Diagnose
- Tracert Diagnose
- Inform reported

Line Diagnose

The contents can be diagnose is listed in the below table.If the status is "fail",you can click on the "Re-diagnose" button,to confirm whether the status is always "fail".

Diagnose the network connect status

Test your eth0 Connection:	PASS	Help
Test your eth1 Connection:	FAIL	Help
Test your eth2 Connection:	FAIL	Help
Test your eth3 Connection:	FAIL	Help
WLAN status:	PASS FAIL FAIL FAIL	Help

[Re-diagnose](#)

Проверка состояния сетевых подключений

6.2. PING Diagnose

Diagnose | Status | Network | Security | Application | Management | **Diagnose** | Help

Diagnose

- Line Diagnose
- PING Diagnose
- Tracert Diagnose
- Inform reported

Ping Diagnosis

This page is for ping diagnosis

Interface:

Destination IP address or host name:

Use IP type:

[Start](#)

Ping Test Result

Send:	0
Receive:	0
Minimum:	0ms
Average:	0ms
Maximum:	0ms

Диагностика доступности сетевых ресурсов посредством утилиты PING

6.3. Tracert Diagnose

The screenshot shows the 'Diagnose' menu with 'Tracert Diagnose' selected. The main content area is titled 'Trace Route Diagnosis' and contains the following elements:

- A heading: **Trace Route Diagnosis**
- Text: 'This page is for trace route diagnosis'
- Form fields:
 - 'Interface' dropdown menu with the value '2_VOIP_INTERNET_R_VID_55/veip0.1'
 - 'Destination IP address or host name:' text input field
- 'Start' button
- Section: **Tracert Test Result**
- 'Refresh' button

Трассировка маршрута до указанного сетевого ресурса посредством утилиты Tracert

6.4. Inform reported

The screenshot shows the 'Diagnose' menu with 'Inform reported' selected. The main content area contains the following elements:

- Text: 'Manual send inform test, needs about 10 seconds.'
- 'Test' link
- Section: **Manual Send Inform Test result:**
- Text: 'click for the test.'
- 'Refresh' button

6.5. Закладка Help

The screenshot shows the 'Help' menu with 'Device Info' selected. The main content area contains the following elements:

- Section: **Device basic information**
- Text: 'The device model, device identification number, hardware version, software version is displayed.'

Страница помощи по различным настройкам устройства.