L2TP

Choose L2TP (Layer 2 Tunneling Protocol) if your ISP uses a L2TP connection. Your ISP will provide you with a username and password. This option is typically used for DSL services.

KEEBOX		WISONR	
SYSTEM	I 2TP		*
WIZARD			-
INTERNET	You can select the type of WAN Interface Setting	the account you have with your ISP provider.	
Status	WAN Interface Type	Dynamic IP V	
Dynamic IP	Hostnamo	W/160ND	-
Static IP	nosulame		-
PPPOE	MAC address	Clone MAC	
РРТР	PPTP Settings		
L2TP	Login		
WIRELESS 2.4GHZ	Password		
	Service IP address		
FIREWALL	мти	1454 (512<=MTU Value<=1492)	
ADVANCED	Туре	Keep Connection	
	Idle Timeout	(1-1000 Minutes)	
TOOLS		Apply	~
	٢.		>

Fields	Description
WAN Interface Type	Use the drop-down list to choose between Dynamic IP and Static IP.
Hostname	The selection appears when choosing Dynamic IP in WAN Interface Type. This
	field is optional, but may be required by some ISPs. The default host name is the
	device name of the Router and may be changed.
MAC address	The selection appears when choosing Dynamic IP in WAN Interface Type. The
	default MAC address is set to the WAN's physical interface MAC address on the
	Router. You can use the Clone MAC button to copy the MAC address of the
	Ethernet Card installed by your ISP and replace the WAN MAC address with the
	MAC address of the Router. It is not recommended that you change the default
	MAC address unless required by your ISP.
My IP address	The selection appears when choosing Static IP in WAN Interface Type. Enter
	the IP address assigned by your ISP.
My Subnet Mask	Enter the subnet mask assigned by your ISP.
Gateway IP Address	Enter the Gateway assigned by your ISP.
Login	Enter the L2TP login name.
Password	Enter the L2TP password.
Service IP address	Enter the ISP service IP address.
MTU	Maximum Transmission Unit is for optimal performance with some ISPs.
Туре	Use the drop-down list to select Keep Connection, Automatic Connection or
	Manual Connection.

Idle Timeout This is an age-out value, in minutes, before the Router times out.

Click **Apply** to save the changes.

Wireless 2.4GHZ

This chapter provides more manual settings about Wireless connection.

Basic

This window allows you to define SSID and the channel for the wireless connection.

KEEBOX		W150NR
SYSTEM	Basic	
WIZARD		
INTERNET	This page allows you to used for the wireless sta	define SSID, and Channel for the wireless connection. These parameters are ations to connect to the Wireless Router.
	Radio	
WIRELESS 2.4GHZ	Schedule	Always Vew Schedule
Basic	Wireless Mode	2.4 GHz (802.11b/g/n) 👻
Advanced	SSID	KEEBOX W150NR
WPS	Auto channel	
Client List	Channel	7 💌
FIREWALL	WMM Enable	☑ (Wireless QoS)
ADVANCED		Apply Cancel
TOOLS		

Fields	Description
Radio	Use the radio buttons to enable or disable the wireless function.
Schedule	Use the drop-down list to choose the appropriate time to enable the wireless function.
	Select Always to enable the function all the time. To create a new schedule, click New
	Schedule to link to System > Schedule.
Wireless Mode	Use the drop-down list to choose the type of wireless.
SSID	Service Set Identifier (SSID) is the name of the wireless network.
Auto channel	Click Enable to allow the Router to select the channel with the least amount of
	interference. Click Disable to manually select the channel below.
Channel	Use the drop-down list to select the channel of wireless network.
WMM Enable	Tick the check box to enable Wi-Fi Multimedia to enjoy basic quality of service
	features.

Advanced

This window allows you to change the behavior of the 802.11g wireless radio from the standard settings. Be aware that any changes to the factory default settings may adversely affect the behavior of your network.

KEEBOX			W150NR	
SYSTEM	Advanced			
WIZARD				
INTERNET	These settings are only for wireless LAN.These setting on your Broadband router.	more technicall s should not be	ly advanced users who have a sufficient knowledge about e changed unless you know what effect the changes will have	
WIRELESS 2.4GHZ	Fragment Threshold:	2346	(1500-2346)	
Basic	RTS Threshold:	2346	(256-2346)	
Advanced	Beacon Interval:	100	(200-1000)	
Security	DTIM Period:	1	(1-225)	
WPS	Preamble Type:	O Short P	reamble 💿 Long Preamble	
Client List	CTS Protection:	Auto C Auto C	Always 🔿 None	
FIREWALL	Band Width:	20/40 MHz	z(Auto) 🔽	
ADVANCED	Tx Power:	100% 💌		
	Short Guard Interval:			
TOOLS		2		
			Apply Cancel	

Fields	Description
Fragment Threshold	The fragmentation threshold, which is specified in bytes, determines whether packets will be fragmented.
RTS Threshold	This value should remain at its default setting of 2346. If inconsistent data flow is a problem, only a minor modification should be made.
Beacon Interval	Beacons are packets sent by an Access Point to synchronize a wireless network. Specify a value. 100 is the default setting and is recommended.
DTIM Period	A DTIM is a countdown informing clients of the next window for listening to broadcast and multicast messages.
Preamble Type	Select Short or Long Preamble. The Preamble defines the length of the CRC block for communication between the wireless router and the roaming wireless network adapters.
CTS Protection	CTS is a function used to minimize collisions among wireless devices on a wireless local area network (LAN). CTS will make sure the wireless network is clear before a wireless client attempts to send wireless data. Enabling CTS will add overhead and may lower wireless through put.
Band Width	Use the drop-down list to select the bandwidth. Select 20/40 MHz (Auto) if you are using both 802.11n and non-802.11n wireless devices. Select 20 MHz if you are not using any 802.11n wireless clients.

Tx Power	Use the drop-down list to select the percentage of Tx Power.
Short Guard Interval	Check this box to reduce the guard interval time therefore increasing the data
	capacity. However, it's less reliable and may create higher data loss.

Click **Apply** to save the changes.

Security This window allows you to configure the wireless security settings.

KEEBOX		WISONF	
SYSTEM	Security		
WIZARD			
INTERNET	This page allows you set could prevent any unauth	tup the wireless security. Turn on WEP or WPA by using Encryption Keys norized access to your wireless network.	5
	Broadcast SSID	Enable 💌	
WIRELESS 2.4GHZ	VVMM	Enable 👻	
Basic	Encryption	Disable	
Advanced	-		_
WPS		Apply Can	ncel
Client List			
FIREWALL			
ADVANCED			
TOOLS	_		
			-

Fields	Description
Broadcast SSID	Use the drop-down list to broadcasting the SSID or not.
WMM	Use the drop-down list to enable or disable Wi-Fi Multimedia.
Encryption	Use the drop-down list to select the wireless security mode. The available choices are
	WEP, WEA Only, WPA2 Only and WPA/WPA2 Mixed.

WEP

Select WEP from the Encryption drop-down list to see the following window.

Security	
This page allows you setup could prevent any unauthor	o the wireless security. Turn on WEP or WPA by using Encryption Keys rized access to your wireless network.
Broadcast SSID	Enable 💌
VVMM	Enable V
Encryption	WEP
Authentication type	Open System O Shared Key
Key Length	64-bit 💌
Key type	ASCII (5 characters)
Default key	Key1 💌
Encryption Key 1	
Encryption Key 2	
Encryption Key 3	
Encryption Key 4	

Fields	Description
Authentication type	Click the radio buttons to select Open System or Shared Key. Shared key provide
	greater security.
Key Length	Select either 64Bit or 128Bit encryption from the drop-down list.
Key type	Select ASCII (5 characters) or ASCII (10 characters) from the drop-down list.
Default key	Select the default key for the wireless from the drop-down list.
Encryption Key 1 to	Enter WEP key here. Make sure you enter this key exactly on all your wireless
4	devices.

Click **Apply** to save the changes.

WPA Only / WPA2 Only / WPA/WPA2 Mixed Select other types of wireless security modes from the Encryption drop-down list to see the following window.

roadcast SSID	Enable 🖌
/MM	Enable 💟
ncryption	WPA Only
SK / EAP type	O PSK O EAP
/PA type	◯ TKIP ◯ AES ⓒ Mixed
ADIUS Server IP address	S.
ADIUS Server port	
ADIUS Server password	

Fields	Description
PSK / EAP type	Use the radio button to select PSK or EAP type.
WPA type	Use the radio button to select TKIP , AES or Mixed type.
RADIUS Server IP	Enter the IP address of a RADIUS server.
address	
RADIUS Server	Enter the port you are using with the RADIUS server.
port	
RADIUS Server	Enter the passport of the RADIUS server.
password	

Click **Apply** to save the changes.

WPS

Wi-Fi Protected Setup (WPS) provides an easier way to allow your wireless clients to connection to your network, using PIN or Push Button (PBC) method.

KEEBOX		WISONR	
SYSTEM	WPS		~
WIZARD			
INTERNET	WPS (Wi-Fi Protected Setu your network, using using F access the unit's Wi-Fi Pro	up) provides an easier way to allow your wireless clients to connect to PIN or Push Button (PBC) method.This page allows you to setup and tected Setup settings.	
WIRELESS 2.4GHZ	WPS	✓ Enable	
Basic	Wi-Fi Protected Setup Information		
Advanced	WPS Current Status:	Enabled/Unconfigured	
Security	Self Pin Code	68460600	illi.
WPS	SSID	KEEBOX W150NR	
Client List	Authentication Mode	Disabled	
FIREWALL	Passphrase Key		
	WPS Via Push Button	Start to Process	
	WPS via PIN	Start to Process	
TOOLS			
		Apply Cancel	~
	<		Ē

The following fields can be configured:

Fields	Description
WPS	Tick the Enable check box to enable the Wi-Fi protected setup function. Deselect to
	disable the function.
Passphrase Key	Enter a key for connecting the wireless network.
WPS via Push	This virtual Start to Process button has the same function as the physical WPS
button	button on the hardware device. Click to start WPS connection.
WPS via PIN	Enter the password for WPS connection and click Start to Process to start WPS
	connection.

Click **Apply** to save the changes.

Client List

This window displays all the clients of wireless connection.

outer
Idle Time

Click the **Refresh** button to update the status.

Firewall

This chapter provides more choices for firewall setup.

Advanced

This window allows you to choose more firewall settings.



Tick the check box to select the firewall settings. Click **Apply** to save the changes.

DMZ

This window allows you to set up a DMZ host and to set up firewall rules. If you have a client PC that cannot run Internet applications properly from behind the Router, then you can set the client up for unrestricted Internet access. It allows a computer to be exposed to the Internet. Enter the IP address of the internal computer that will be the DMZ host. Adding a client to the DMZ (Demilitarized Zone) may expose your local network to a variety of security risks, so only use this option as a last resort.

KEEBOX				
SYSTEM	DMZ			
WIZARD				
INTERNET	If you have a local client P firewall,you can open unres	C that cannot run an stricted two-way Inter	Internet application properly from I net access for this client by defini	behind the NAT ng a Virtual DMZ Host.
WIRELESS 2 4GHZ	Enable DMZ			
WIRELESS 2.4GHZ	Local IP Address :	0.0.0.0	Please select a PC.	~
FIREWALL				
Advanced				Apply Cancel
DMZ				
Dos				
MAC Filter				
URL Filter				
ADVANCED				_
TOOLS				

Fields	Description
Enable DMZ	Check this box to enable DMZ.
Local IP Address	Enter the IP address of the computer you would like to open all ports to.

DoS

The firewall can detect and block Denial of Service (DoS) attackes.

KEEBOX		W150NR
SYSTEM	DoS	
WIZARD		
INTERNET	The Firewall can detec Connection with invalid resourcess that Interne	t and block DOS attacks, DOS (Denial of Service) attacks can flood your Internet I packets and connection requests, using so much bandwidth and so many at access becomes unavailable.
WIRELESS 2.4GHZ	Block DoS :	○ Enable ④ Disable
FIREWALL		Apply Cancel
Advanced		
DMZ		
Dos		
MAC Filter		
URL Filter		
ADVANCED		
TOOLS		

Click the **Enable** radio button to detect and block the DoS attacks. Click **Apply** to save the changes.

MAC Filter

Use MAC (Media Access Control) Filters to allow or deny LAN (Local Area Network) computers by their MAC addresses from accessing the Network.

KEEBOX					
SYSTEM	MAC Filter				
WIZARD					
INTERNET	MAC Filters are used to deny or al Enable MAC filtering	llow LAN computers from ac	cessing the Int	ternet.	
WIRELESS 2.4GHZ	Deny all clients with MAC address listed below to access the network				
FIREWALL	Allow all clients with MAC addres	s listed below to access the n	etwork	Schedule	_
Advanced	Description		Aluma	Naw Schoo	lulo
DMZ			Always	New Ocnet	June
Dos	Add Reset				
MAC Filter					
URE Filter	MAC Filtering table:				
ADVANCED	NO. Description	LAN MAC	Address	Schedule	Select
TOOLS	Delete Selected Delete	a All Reset			
				Apply	Cancel

Fields	Description
Enable MAC	Tick Enable Wireless MAC Filter check box and click the Deny all clients with
filtering	MAC address listed below to access the network, or Allow all clients with
	MAC address listed below to access the network of the filtering policy.
Description	Enter the description for this MAC filtering rule.
LAN MAC address	Enter the MAC address of LAN to block.
Schedule	Use the drop-down list to choose the appropriate time to enable the MAC filtering
	function. Select Always to enable the function all the time. To create a new
	schedule, click New Schedule to link to System > Schedule .

Click Add to save the changes and see the rule in the MAC Filtering table. To remove a specific entry, tick the corresponding check boxes under **Select**, and click **Delete Selected**. To remove all entries, click **Delete All**. Click **Reset** to clear all the information that has not been saved.

URL Filter

Use this window to deny access to specified websites.

KEEBOX			
SYSTEM	URI Filter		
WIZARD			
INTERNET	You can block access the Web site.	to certain Web sites by entering either a fu	ull URL address or just a keyword of
WIRELESS 2 4GHZ	Enable URL Bl	ocking	-
	URL/keyword		
FIREWALL	Schedule	Always 🖌 New Schedule	
Advanced			
DMZ	Add Reset		
Dos	Current LIRL Block	ring Table	
MAC Filter	NO	IIPL/konword	Schedule Select
URL Filler		UNLINEYWOID	Schedule
ADVANCED	Delete Selected	Delete All Reset	
TOOLS			Apply Cancel

Fields	Description	
Enable URL Blocking	Tick the check box to enable the function.	
URL/keyword	Enter the IP address or keyword to block.	
Schedule	Use the drop-down list to choose the appropriate time to enable the MAC	
	filtering function. Select Always to enable the function all the time. To create a	
	new schedule, click New Schedule to link to System > Schedule.	

Click **Add** to save the changes and see the rule in the MAC Filtering table. To remove a specific entry, tick the corresponding check boxes under **Select**, and click **Delete Selected**. To remove all entries, click **Delete All**. Click **Reset** to clear all the information that has not been saved.

Advanced

This chapter include the more advanced features used for network management and security.

NAT

Network Address Translation (NAT) re-writes the source and/or destination addresses of IP packets as they pass through a Router or firewall. NAT enables multiple hosts on a private network to access the Internet using a single public IP address.

KEEBOX			W150NR
SYSTEM	NAT		
WIZARD			
INTERNET	NAT(Network Addres packets as they pas access the Internet	ss Translation) involves re-writing the source and/ s though a Router or firewall, NAT enable multiple using a single public IP address.	or destination addresses of IP e hosts on a private network to
WIRELESS 2.4GHZ	NAT		
FIREWALL			Apply Cancel
ADVANCED			
NAT			
Port Forwarding			
Port Trigger			
UPnP			
Qos			
Routing			
TOOLS			

Click the **Enable** radio button and the **Apply** button to enable the NAT function.

Port Forwarding Port Forwarding is used to redirect data to a single PC.

KEEBO		W150NR
SYSTEM	Port Forwar	ding
WIZARD	Tortrorwar	
INTERNET	You can configure the Web or FTP at your loo will redirect the externa	router as a Virtual Server allowing remote users to access services such as cal PC. Depending on the requested service (TCP/UDP) port number, the router al service request to the appropriate internal server (located at one of your local
WIRELESS 2.4GHZ	Enable Port For	warding
FIREWALL	Description	
ADVANCED	Local IP	
NAT	Protocol	Both 💌
Port Forwarding	Local Port	
Port Trigger	Public Port	
UPnP	Schedule	Always V New Schedule
Qos		
Routing	Add Reset	
TOOLS	24-Current Port Fo	orwarding Table
	NO Description	I ocal IP II ocal Port Type Public Port Schedule Select

Fields	Description
Enable Port	Tick the check box to enable the function.
Forwarding	
Description	Enter the description of this rule.
Local IP	Enter a local IP address.
Protocol	Use the drop-down list to select the protocol as TCP, UDP or Both.
Local Port	Enter the local port.
Public Port	Enter a public port.
Schedule	Use the drop-down list to choose the appropriate time to enable the MAC filtering
	function. Select Always to enable the function all the time. To create a new schedule,
	click New Schedule to link to System > Schedule.

Click Add to save the changes and see the rule in the MAC Filtering table. To remove a specific entry, tick the corresponding check boxes under Select, and click Delete Selected. To remove all entries, click Delete All. Click Reset to clear all the information that has not been saved.

Port Trigger

Some applications require multiple connections, such as Internet gaming, video conferencing, Internet telephony and others. These applications have difficulties working through NAT (Network Address Translation). Special Applications makes some of these applications work with the Router.

KEEBOX		WISONR	
SYSTEM	Port Trigger		~
WIZARD	i ore myger		-
INTERNET	Port Triggering, also called a normally do not function who	Special Applications allows you to use Internet applications which en used behind a firewall.	
	🛛 Enable Trigger Port		
WIRELESS 2.4GHZ	Description		
FIREWALL	Popular applications	Application Name V Add	-
ADVANCED	Trigger port	~	
NAT	Trigger type	Both 💌	
Port Forwarding	Public Port		
Port Trigger	Public type	Both 💌	
UPnP	Schedule	Always Vew Schedule	
Qos	-		
Routing	Add Reset		
TOOLS	24-Current Trigger-Po	rt Table:	
	NO Trigger port Trigg	er type Public Port Public type Name Schedule Selec	t 🗸

Fields	Description
Enable Trigger	Tick the check box to enable the function.
Port	
Description	Enter the description of this rule.
Popular	Use the drop-down list to select an application or click Add to create a new one.
applications	
Trigger port	This is the port used to trigger the application. It can be either a single port or a range
	of ports.
Trigger type	Use the drop-down list to select the trigger type as TCP, UDP or Both.
Public port	This is the port number on the WAN side that will be used to access the application.
Public type	Use the drop-down list to select the pblic type as TCP, UDP or Both.
Schedule	Use the drop-down list to choose the appropriate time to enable the MAC filtering
	function. Select Always to enable the function all the time. To create a new schedule,
	click New Schedule to link to System > Schedule.

Click **Add** to save the changes and see the rule in the MAC Filtering table. To remove a specific entry, tick the corresponding check boxes under **Select**, and click **Delete Selected**. To remove all entries, click **Delete All**. Click **Reset** to clear all the information that has not been saved.

UPnP

UPnP supports zero-configuration networking and automatic discovery for many types of networked devices. When enabled, it allows other devices that support UPnP to dynamically join a network, obtain an IP address, convey its capabilities, and learn about the presence and capabilities of other devices. DHCP and DNS service can also be used if available on the network. UPnP also allows supported devices to leave a network automatically without adverse effects to the device or other devices on the network. UPnP is a protocol supported by diverse networking media including Ethernet, Firewire, phone line, and power line networking.

KEEBOX			
SYSTEM	UPnP		
WIZARD			
INTERNET	Universal Plug and Play is designed to support zero-configuration, 'invisible' networking, and automatic discovery for a range of device from a wide range of vendors. With UPnP, a device can dynamically join a network, obtain an IP address and learn about the presence and capabilities of other devices all		
WIRELESS 2.4GHZ	UPnP	Enable Disable	ler unecuy
FIREWALL	30		J.
ADVANCED			Apply Cancel
NAT			
Port Forwarding			
Port Trigger			
UPnP			
Qos			
Routing			
TOOLS			

To enable UPnP for any available connection, click the Enable radio button, and click the Apply button.

QoS

The QoS Engine option helps improve your network gaming performance by prioritizing applications. By default the QoS Engine settings are disabled and application priority is not classified automatically

KEEBOX		WISONR
SYSTEM	QoS	
WIZARD		
INTERNET	Quality of Service (QoS) refer network traffic. The primary go jitter and latency (required by	is to the capability of a network to provide better service to selected bal of QoS is to provide priority including dedicated bandwidth, controlled is some real-time and interactive traffic), and improved loss
WIRELESS 2.4GHZ	other flows fail.	It is making sure that providing priority for one or more flows does not make
FIREWALL	Enable QoS Engine	
	Automatic Uplink Speed	
ADVANCED	Measured Uplink Speed	Not Estimated
NAT	Manual Uplink Speed	kbps << Select Transmission Rate V
Port Forwarding	Connection Type	
Port Trigger UPnP	Detected xDSL or Other Frame Relay Network	
Qos		
Routing		Apply Cancel
TOOLS		

Fields	Description
Enable QoS	Tick the check box to enable this option for better performance and experience with
Engine	online games and other interactive applications, such as VoIP.
Automatic	Tick the check box to automatically determine the uplink speed of your Internet
Uplink Speed	connection.
Measured	The speed at which data can be transferred from the Router to your ISP. This is
Uplink Speed	determined by your ISP.
Manual Uplink	Enter the uplink speed.
Speed	
Connection	Use the drop-down menu to select the connection type among Auto-detect, xDSL Or
Туре	Other Frame Relay Network and Cable or Other Broadband Network.
Detected xDSL	When Connection Type is set to Auto-detect , the automatically detected connection
or Other Frame	type is displayed here.
Relav Network	

Routing This window allows you to define static routes to defined destinations.

KEEBOX						
SYSTEM	Rou	itina				
WIZARD						
INTERNET	The Ro	INTIC ROUTING	you to define sta	tic routes to specific des	stinations.	
WIRELESS 2.4GHZ	Interfa	ice	LAN-1(192.	168.10.1) 💌		
EIREWALL	Destin	ation				
FINEWALL	Subne	et Mask				
ADVANCED	Gatew	/ay				
NAT						
Port Forwarding	Add	Reset				
Port Trigger				_	_	-
UPnP	24-C0	Irrent Static-Ro	uting Table	1		
Qos	NO.	Interface	Destination	Subnet Mask	Gateway	Select
Routing						
TOOLS	De	lete Selected	Delete All	eset		only Cancel
					-	white cancer

Fields	Description
Static Routing	Tick this checkbox to enable or disable static routes to defined destinations.
Interface	Use the drop-down menu to choose the Interface that the IP packet must use to transit
	out of the Router.
Destination	The IP address of the packets that will take this route.
Subnet Mask	Enter the subnet mask of the IP address
Gateway	Enter the next hop to be taken if this route is used.

Click **Add** to save the changes and see the rule in the MAC Filtering table. To remove a specific entry, tick the corresponding check boxes under **Select**, and click **Delete Selected**. To remove all entries, click Delete All. Click Reset to clear all the information that has not been saved.

Tools

Password

This window allows you to change the password and default IP address of the Router.

KEEBOX			
SYSTEM	Password		
WIZARD			
INTERNET	You can change the password that you use t password.	to access the router, this <u>is not</u> your	ISP account
	Old Password		
WIRELESS 2.4GHZ	New Password		
FIREWALL	Repeat New Password		
ADVANCED	Remote management allows the ro	outer to be configured from the Internet	et by a web browser, A
TOOLS	Host Address	Port	Enable
Password		80 ~	
Time			
DDNS			
Diagnostic			Apply Cancel
Firmware			
Backup			

Fields	Description
Old Password	Enter the existing password when log in the Router.
New Password	Enter a new login password.
Repeat New	Retype the new login password.
Password	
Host Address	Enter the Internet IP address of the computer that has access to the Router.
Port	Enter a port number to access the Router.
Enable	Tick the check box to enable the remote management function.

Time This window allows you to configure time and date of the Router.

KEEBOX		WISONR
SYSTEM	Time	
WIZARD		
INTERNET	The Router reads the corre accordingly. The Daylight zone setting is used by the	ect time from NTP servers on the Internet and sets its system clock Savings option merely advances the system clock by one hour. The time le system clock when displaying the correct time in schedule and the log files.
WIRELESS 2.4GHZ	Time Setup	Synchronize with PC
FIREWALL	PC Date and Time	Thursday, May 06, 2010 2:52:13 PM
	Time Zone	(GMT-08:00) Pacific Time (US & Canada); Tijuana
ADVANCED	Daylight Saving	
TOOLS		
Password		Apply Cancel
Time		
DDNS		
Diagnostic		
Firmware		
Backup		
Restart		

Fields	Description
Time Setup	Use the drop-down list to synchronize the Router's time with your computer or an NTP
	server.
PC Date and	This field appears when selecting Synchronize with PC in the Time Setup drop-down
Time	list. This field displays the current PC time.
NTP Time	This field appears when selecting Synchronize with the NTP Server in the Time
Server	Setup drop-down list. Enter the IP address of the NTP server.
Time Zone	Use the drop-down list to select your time zone.
Daylight Saving	Tick the Enable check box to enable daylight saving.

DDNS

The Router supports DDNS (Dynamic Domain Name Service). The Dynamic DNS service allows a dynamic public IP address to be associated with a static host name in any of the many domains, allowing access to a specified host from various locations on the Internet. This is enabled to allow remote access to a host by clicking a hyperlinked URL in the form hostname.dyndns.org, Many ISPs assign public IP addresses using DHCP, this can make it difficult to locate a specific host on the LAN using standard DNS. If for example you are running a public web server or VPN server on your LAN, this ensures that the host can be located from the Internet if the public IP address changes. DDNS requires that an account be setup with one of the supported DDNS providers.

SYSTEM DDNS WIZARD DDNS allows u password and Dynamic DNS Server Addre FIREWALL ADVANCED Password	sers to map a static domain name to a dynamic IP address. You must get an account, your static domain name from the DDNS service provider.
WIZARD UDDNS allows of password and WIRELESS 2.4GHZ FIREWALL ADVANCED Host Name Password Password	sers to map a static domain name to a dynamic IP address. You must get an account, your static domain name from the DDNS service provider.
INTERNET DDNS allows u password and Dynamic DNS WIRELESS 2.4GHZ FIREWALL Host Name ADVANCED Password	sers to map a static domain name to a dynamic IP address. You must get an account, your static domain name from the DDNS service provider.
WIRELESS 2.4GHZ FIREWALL ADVANCED Dynamic DNS Server Addre Username Password	Enable O Disable
FIREWALL Server Addree ADVANCED Username Password	
FIREWALL Host Name ADVANCED Password	\$5
ADVANCED Username	
Password	
TOOLS	
Password	Apply Cancel
Time	
DDNS	
Diagnostic	
Firmware	
Backup	
Restart	

Fields	Description
Dynamic DNS	Click the Enable radio button to enable supporting for DDNS.
Server Address	Select one of the DDNS registration organizations form those listed in the pull-down
	menu.
Host Name	Enter the host name of the DDNS server.
Username	Enter the username given to you by your DDNS server.
Password	Enter the password or key given to you by your DDNS server.

Diagnostic This window is used to test connectivity of the Router.

KEEBOX		WISONR
SYSTEM	Diagnostic	
WIZARD	blaghoodio	
	This page can diagnose the current network st	tatus.
INTERNET	Address to Ping	Start
WIRELESS 2.4GHZ	Ping Result	
FIREWALL		
ADVANCED		
TOOLS		
Password		
Time		
Time DDNS		
Time DDNS Diagnostic		
Time DDNS Diagnostic Firmware		
Time DDNS Diagnostic Firmware Backup		

Fields	Description
Address to Ping	Enter the IP Address that you wish to Ping, and click Start.
Ping Result	The field displays the result after pinging.

Firmware This window is for upgrading firmware of the Router.

Firmware	
You can upgrade the firmware of the router in this page. local hard drive of your computer.Click on Browse to brow update.	Ensure, the firmware you want to use is on the wse and locate the firmware to be used for your
Firmware	_
Firmware File:	Browse
	Apply Cancel
	Firmware Firmware You can upgrade the firmware of the router in this page is local hard drive of your computer.Click on Browse to broupdate. Firmware Firmware Firmware File:

Click Browse to locate the new firmware and click Apply to start firmware upgrade.

Backup This window allows you to set the Route to original factory default setting, back up the configurations and restore the configuration you saved in the local computer.

KEEBOX		W150NR
SYSTEM	Backup	
WIZARD		
INTERNET	Use BACKUP to save the rout RESTORE to restore the save DEFAULT to force the router to	er's current configuration to a file named config.dlf. You can use d configuration. Alternatively, you can use RESTORE TO FACTORY o restore the factory default settings.
WIRELESS 2.4GHZ	Restore to factory default	Reset
FIREWALL	Backup Settings	Save
ADVANCED	Restore Settings	Browse Upload
TOOLS		·
Password		
Time		
DDNS		
Diagnostic		
Firmware		
Backup		
Restart		

Fields	Description
Restore to factory	Click the Reset button to restore all configuration settings back to its factory default
default	settings. The Router will reboot with the factory default settings including IP settings
	(192.168.10.1) and administrator password.
Backup Settings	Click the Save button to save the current Router configuration settings to a file on the
	hard disk of the computer.
Restore Settings	Click Browse to locate the configuration file you saved for the Router and click the
	Upload button to transfer the settings to the Router.

Restart

This window is for you to restart the Router.

KEEBOX	W150NR
SYSTEM	Restart
WIZARD	
INTERNET	In the event the system stops responding correctly or stops functioning, you can perform a reset. Your settings will not be changed. To perform the reset, click on the APPLY button. You will be asked to confirm your decision. The reset will be completed when the LED Power light stops blinking.
WIRELESS 2.4GHZ	
FIREWALL	Apply Cancel
ADVANCED	
TOOLS	
Password	
Time	
DDNS	
Diagnostic	
Firmware	
Backup	
Restart	

Click **Apply** to restart the Router.

Limited Warranty

KEEBOX warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

W150NR – 1 Year Warranty

AC/DC Power Adapter, Cooling Fan, and Power Supply carry 1 year warranty.

If a product does not operate as warranted during the applicable warranty period, KEEBOX shall reserve the right, at its expense, to repair or replace the defective product or part and deliver an equivalent product or part to the customer. The repair/replacement unit's warranty continues from the original date of purchase. All products that are replaced become the property of KEEBOX. Replacement products may be new or reconditioned. KEEBOX does not issue refunds or credit. Please contact the point-of-purchase for their return policies.

KEEBOX shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to KEEBOX pursuant to any warranty.

There are no user serviceable parts inside the product. Do not remove or attempt to service the product by any unauthorized service center. This warranty is voided if (i) the product has been modified or repaired by any unauthorized service center, (ii) the product was subject to accident, abuse, or improper use (iii) the product was subject to conditions more severe than those specified in the manual.

Warranty service may be obtained by contacting KEEBOX within the applicable warranty period and providing a copy of the dated proof of the purchase. Upon proper submission of required documentation a Return Material Authorization (RMA) number will be issued. An RMA number is required in order to initiate warranty service support for all KEEBOX products. Products that are sent to KEEBOX for RMA service must have the RMA number marked on the outside of return packages and sent to KEEBOX prepaid, insured and packaged appropriately for safe shipment. Customers shipping from outside of the USA and Canada are responsible for return shipping fees. Customers shipping from outside of the USA are responsible for custom charges, including but not limited to, duty, tax, and other fees.

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This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/ TV technician for help.

Prohibition of Co-location

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

CAUTION:

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.



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