





Default Login Details Login Address: www.mykasda.com Login Password: Set up by users Default Wi-Fi SSID: Kasda xxxx KW6516 (Printed on product label) Default Wi-Fi Password: 12345678

# www.kasdanet.com

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### **1** Introduction

Thank you for choosing our product. The KW6516 Wireless Router uses DD-WRT solution that fully complies with IEEE802.11b/g/n/ac standards. It will provide your SOHO with convenient Internet.

### **1.1 Main Features**

**1.1.1 Wireless** Fully IEEE 802.11b /g /n & IEEE 802.11ac compatible

#### Wireless data rate up to 1200 Mbps

Operating in the unlicensed 2.4 GHz &5GHz ISM band

Supports 64/128 bits WEP, WPA, WPA2, WPA/WPA2-PSK, 802.1x

#### **1.1.2 Network Protocol and Features**

Ethernet to modem Self-Learning Transparent Bridging

Internet Control Message Protocol (ICMP)

**IP Static Routing** 

MTU Adjustment

Routing Information Protocol (RIP, RIPv2)

Network Address Translation (NAT)

Virtual Server, Port Forwarding

Dynamic Host Configuration Protocol (DHCP)

DDNS Support/DNS Relay Agent

Simple Network Time Protocol (SNTP)

VPN pass-through (IPSec/PPTP/L2TP)

#### 1.1.3 Firewall

**Built-in NAT** 

**MAC** Filtering

**Packet Filtering** 

Stateful Packet Inspection (SPI)

Denial of Service Prevention (DoS)

DMZ

### 1.1.4 Management Support

Web Based GUI

Upgrade or update via FTP/HTTP

Command Line Interface via Telnet

#### **Diagnostic Test**

Firmware upgrade-able for future feature enhancement

#### 1.1.5 Operating System Support

WINDOWS 98/SE/ME/2000/XP/VISTA/7/8/8.1/10

Macintosh

LINUX

#### 1.1.6 Environmental

Operating humidity: 10%-90% non-condensing

Non-operating storage humidity: 5%-95% non-condensing

#### **1.2** Packet Contents

The packet contents are as the following:

Router	x 1
Power Adapter	x 1
Ethernet Cable	x 1
Quick Setup Guide	x 1

#### **1.3** System Requirements

Broadband Internet Access Service (modem/Ethernet)

One Modem that has an RJ45 connector (which is not necessary if the Router is connected directly to the Ethernet)

PCs with a working Ethernet Adapter and an Ethernet cable with RJ45 connectors

TCP/IP protocol on each PC

Web browser, such as Microsoft Internet Explorer, Mozilla Firefox or Apple Safari

#### **1.4** Factory Defaults

The device is configured with the following factory defaults:

Login Address: www.mykasda.com

Login password: Set up by users

Default Wi-Fi SSID: Kasda XXXX KW6516

Default Wi-Fi Password: 12345678

#### **1.5** Warnings and Cautions

Never use the product near water.

To prevent dangerous overloading of the power circuit, be careful about the designed maximum power load ratings. Not to follow the rating guideline could result in a dangerous situation.

# 2 Hardware Description

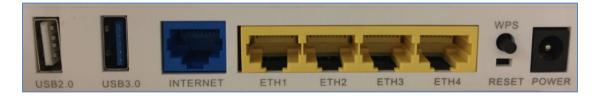
#### **Front Panel**

	Dower		3	2			WPS	()) (2.4GHz	(M) 5GHz	<b>X</b> USB	
1	7	1	1	1	1	1	1	1	1	1	1
1	J	J	J	1	l	I	IJ	U	U	U	1

LED	Color	Function

POWER	Blue	OFF: Power Not Supplied On: Power Supplied
LAN	Blue	On: LAN link established and active via LAN port Blinking: Data activity occurs Off: No LAN link via LAN port
INTERNET	Blue	On: The WAN port has detected a link with an attached device Blinking: Data is being transmitted or received by the WAN port Off: No WAN link via the WAN port
WPS	Green	On: WPS connection is established Blinking: Trying to establish a WPS connection Off: WPS function is off or no WPS connection
WIFI 2.4G/5G	Blue	On: The 2.4GHz or 5GHz wireless module is ready and idle Blinking: Data transmitting or receiving over WLAN Off: The 2.4GHz or 5GHz wireless function is off
USB	Blue	On: USB connection is established Blinking: : Data transmitting or receiving over USB. Off: USB function is off or no USB connection

#### Rear panel



Port	Function
INTERNET	Connect the device to a cable or modem

ETH1,2,3,4	Connect the device to your PC's Ethernet port, or to the uplink port on your hub/switch, using a RJ-45 cable
RESET	System reboot or reset to factory defaults
WPS	Turn on/off your WPS
Power	Connect to the supplied power adapter
USB2.0/3.0	Connect to a printer or other storage device

### **3** Hardware Installation

This chapter shows you how to connect Router. Meanwhile, it introduces the appropriate environment for the Router and installation instructions.

1. Using an Ethernet Cable to connect the WAN port of the ROUTER to a cable or modem.

2. Using an Ethernet Cable to connect the LAN port of the ROUTER to your LAN or a PC with network card installed.

3. Connect the power cable to the PWR connector on ROUTER, then plug in the power adapter to the AC power outlet, and then press the on-off button.



# 4 PC Configuration Guide

#### 4.1 For windows 7

- 1. Click "Start -> Control Panel-> Network and Internet -> View networks status -> Change adapter settings"
- 2. Right-click **Wireless Network Connection**(or Local Area conncection), and then click **Properties**.
- 3. Select Internet Protocol Version 4 (TCP/IPv4), and then clcik Properties.
- 4. Select **Obtain an IP address automatically** and **Obtain DNS Server address automatically**. Then click OK.

### 4.2 For Windows 8

- 1. Move your mouse to the lower right corner and click the **Serch** icon in the popus.
- 2. Go to Apps, type Control Panel in the serche box and press enter.
- 3. Go to "Control Panel -> View networks status-> Change adapter settings"
- 4. Right-click **Ethernet**, select **Properties**, then double-click **internet protocol version 4( TCP/IPv4)**.
- 5. Select **Otain an IP address automatically** and **Obtain DNS Server address automatically**. Then click OK.

#### 4.3 For windows XP

- 1. Click "Start" -> Control Panel -> Network and Internet Connection -> Network Connections"
- 2. Right-click **Wireless Networks Connection** (or Local Area Connection), and then click **Properties**.
- 3. Select Internet Protocol (TCP/IP), and then click Properties.

4. Select **Otain an IP address automatically** and **Obtain DNS Server address automatically**. Then click OK.

### 4.4 For Mac OS X

- 1. Click the **Apple** icon on the upper left corner of the screen.
- 2. Go to System Preference -> Network.
- 3. Select **Airport** on the left menu bar, and then click **Advanced** for wireless configuration; or select **Ethernet** for wired configuration,
- 4. In the **Configure IPv4** box under TCP/IP, select **Using DHCP**.
- 5. Click **Apply** to save the settings.

# **5** Quick Setup of the Router

In order to use the web-based management software, it will be necessary to use a computer or mobile phone which occupies the same subnet as the Router. The simplest way to do this for many users will be to use DHCP server that is enabled by default on the Router. Please make sure the wan connection is ok.

Setup Wizard will guide you through step-by-step process to configure your router and connect to the Internet.

### 5.1 Quick Setup of the Router via mobile phone

- 1. Connect your phone to router by using default WiFi network name and password, which are printed on product label at the bottom of the router.
- 2. Launch a browser on your phone to log in router with www.mykasda.com. Setup your initial login password and then click next button to continue.



3. Select the WAN Mode



If you don't need any Internet connection information, choose "DHCP".



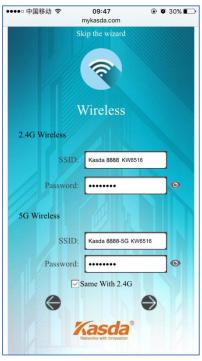
If your ISP gives you a PPP username and password for you, choose "PPPoE" and type in the username and password.



If you have a IP address to connect to the Internet, choose "Static IP" and type in the **IP Address**, **IP Subnet Mask**, **Gateway IP Address** and **DNS Server**.



4. Setup your 2.4GHz & 5GHz SSID and password. On the following page, you can rename the SSID and change password or just let it be default. The default password is 12345678, you can check it by clicking the eye button.



5. Click **Save/Apply** and wait for changes to be applied.



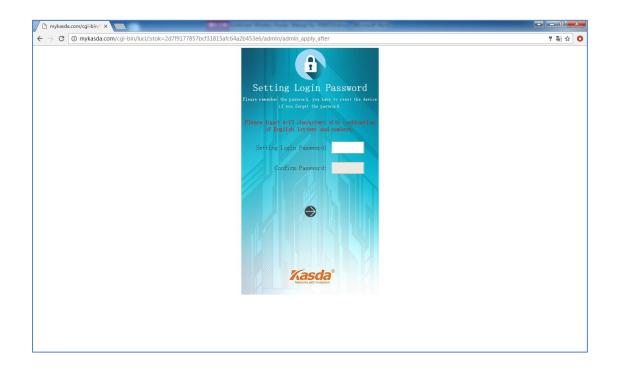
When it blows up the following tips, then you can connect your wired or wireless devices to the Internet.

connected to the network	essfully
	Close

Note: If you have changed your wireless network name and password, you must sign in with new SSID/password to regain access to the Internet.

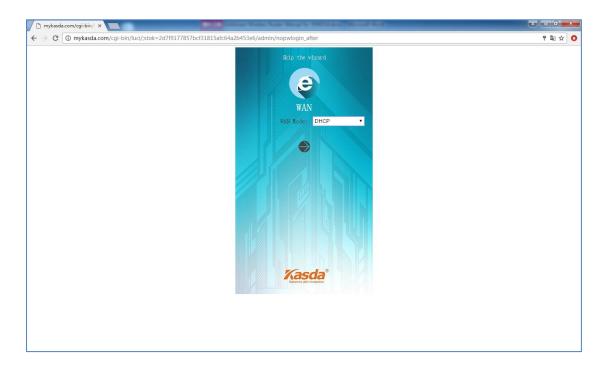
### 5.2 Quick Setup of router via PC

- 1. Connect your PC to router wired or wirelessly.
- Launch a browser, such as Internet Explorer or Chrome, and then use www.mykasda.com to log on the web management page. Here please setup your initial login password. Then click next button to continue.

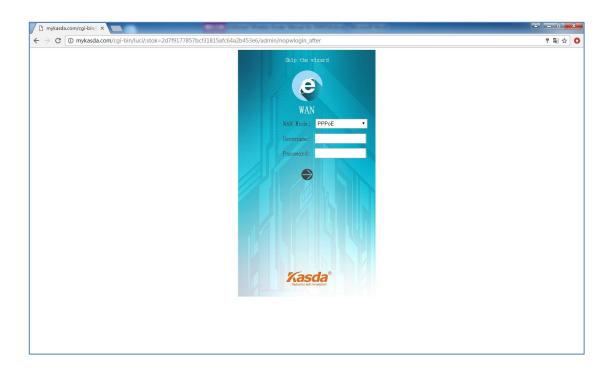


#### 3. Set up your WAN Mode

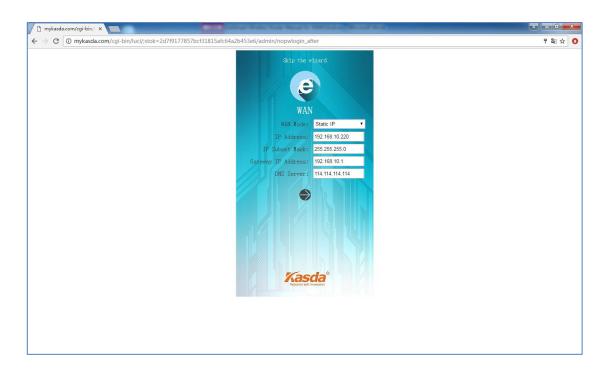
If you don't need any Internet connection information, choose "DHCP" as your WAN Mode.



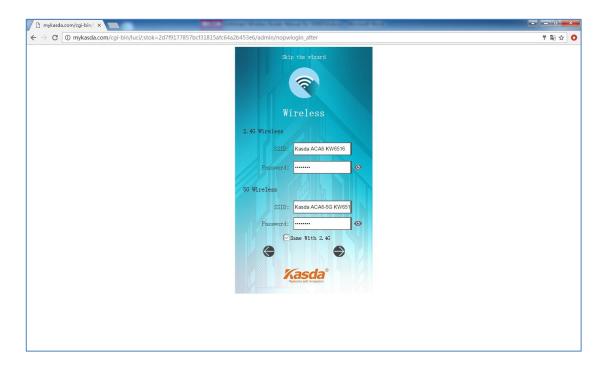
If your IPS gives you a PPP username and password, choose "PPPoE" as your WAN Mode and type in the username and password.



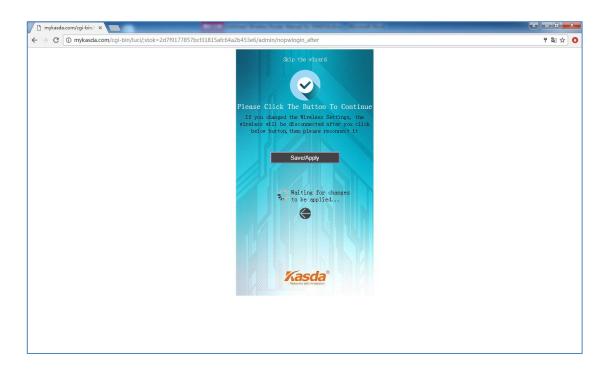
If you have an IP address to connect to the Internet, please choose "Static IP" as your WAN Mode and type in the IP Address, IP Subnet Mask, Gateway IP Address and DNS Server.



4. Set up your 2.4GHz and 5GHz SSID and password. Keep it as default or rename the SSID and change the password as you like.



5. Click Save/Apply to continue and wait for the changes to be applied.



After finish the Wizard Setup, you will enter the following page; here you can do a quick change to your WAN, WiFi and LAN.



### 6 Web-based Advance Management Guide

This chapter will introduce how to configure your router advanced behind the advanced menu. There are four options: Status, System, Network and Logout.

#### 6.1. Status

Click "Status", you will go to the device information page. The page displays the current status about Overview, Firewall, Routers, System Log, Kernel Log, Processes and Real time Graphs.



#### 6.2. System

Click **"System"**, you will go the system page. In this page, there are six options: **System**, **Administration**, **Software**, **USB**, **Backup / Flash Firmware** and **Reboot**.



#### 6.2.1 System

Here you can configure the basic aspects of your device like its hostname, time -zone, language and style.

$\leftrightarrow$ $\rightarrow$ C () mykasda.com/cgi-bin/luci/;stok=2d7f91	77857bcf31815afc64a2b453e6/admi	n/system/	ର୍ 🗟 🕸 📀
	Kasda°	Firmware: KW6516 V1.8.4 2017.03.15 WAN IP: 192.168.10.220	
Bas	sic Setup Status System	Services Network Logout	
Sys	tem Administration USB LED C	Configuration Backup / Flash Firmware Reboot	
Sys	stem		
Hen	e you can configure the basic asp	pects of your device like its hostname or the timezone.	
	system Properties		
	General settings Logging Lan	iguage and Style	
	_ocal Time	Fri Mar 31 03:24:55 2017 Sync with browser	
	Hostname	Kasda	
	limezone	UTC T	
	ime Synchronization		
	Enable NTP client	8	
	Provide NTP server		
	NTP server candidates	0.openwit.pool.ntp.org         ml           1.openwit.pool.ntp.org         ml           2.openwit.pool.ntp.org         ml           8.openwit.pool.ntp.org         ml	
	n Sav	e & Apply Save Scancel	
		Kasda Networks Inc.	

#### 6.2.2 Administration

Click "Administration", you will go to the Router Password page, and you can change the administrator password for accessing the device.

Kasda®			/6516 V1.8.4 2017.03.15 WAN IP: 192.168.10.220
Basic Setup Status	System Services Ne	twork	
System Administration	USB LED Configuration	Backup / Flash Firmware	Reboot
Router Password			
Change the administrato	r password for accessing	the device	
Password	*****		
	Please In	nput at least 5 characters.	
Confirmation	*****	to confirm.	
	liter		

#### 6.2.3 Backup / Flash Firmware

Click **"Backup / Flash Firmware"**, you will go to the **Flash operations** page. On this page, you can do the backup or update the firmware version of routers.

KASDA ROUTER :Home ×	State of the local division of the local div	Trees Name News In 1987 (Line   Mirrord New)	
$\leftrightarrow$ $\rightarrow$ C ( ) mykasda.com/cgi-bin/luci/;stok=2d	7f9177857bcf31815afc64a2b453e	26/admin/system/flashops/	ର୍ଷ 🕁 📀
	Kasda®	Firmware: KW6516 V1.8.4 2017.03.15 WAN IP: 192.168.10.220	*
		Services Network Logout	
		LED Configuration Backup / Flash Firmware Reboot	
<u> </u>	lash operations		
-	Actions Configuration		
		download a tar archive of the current configuration files. To tial state, click "Perform reset" (only possible with squashfs	
	Download backup:	Generate archive	
	Reset to defaults:	© Perform reset	
	To restore configuration file	es, you can upload a previously generated backup archive here.	
	Restore backup:	这種文件 未选择任何文件 ③ Upload archive	
		image atible Image here to replace the running firmware. Check "Keep nt configuration (requires an OpenWrt compatible firmware	
	Keep settings:	2	
	Image:	_ 透释文件 本选择任何文件 ❷ Flash image	
		Kasda Networks Inc.	

**Generate archive** is to download a tar archive of the current configuration files and save it for back up. You can save it onto another place such as your computer desktop.

**Perform reset** is to reset the router's firmware to its initial state. If you forget your router's web management login password, you can reset the router by performing reset.

**Upload archive** is to restore the configuration files by upload a previously generated backup archive here.

**Flash new firmware image** is to upload or download a sys-upgrade compatible image here to replace the current running firmware. And if you want to retain the configuration before uploading or downloading, please check "Keep Settings". As for how to flash new firmware image, you need to choose the firmware you want to flash, and then click **Flash image** to wait for the flash finished. During this period, please do not power off the router.

#### 6.2.4 Reboot

Click **"Reboot"**, you will go the following page. Here is for rebooting the operating system of your device by clicking **"Perform reboot"**.

When you reboot your router, the Internet connection will be lost until the process finished.

KASDA ROUTER :Home X	and the second se	inter Trade Marcal	C DECLARATION AND		
$\leftarrow$ $\rightarrow$ C () mykasda.com/cgi-bin/luci/;stok=2	d7f9177857bcf31815afc64a2b453e	6/admin/system/rel	boot/		ର୍ 🕸 🖈 📀
	Kasda°		Firmware: K	W6516 V1.8.4 2017.03.15 WAN IP: 192.168.10.220	
	Basic Setup Status Syst	em Services I	Network		
	System Administration USB	LED Configuration	Backup / Flash Firmware	Reboot	
	System				
	Reboot				
	Reboot the operating system	of your device			
	Perform reboot				
		Kasda Net	works Inc.		

#### 6.3. Network

#### 6.3.1 Interfaces

Click **"Interfaces"**, you can see the following page about the router's interfaces, such as **WAN**, **WAN6**, **GUEST** and **LAN**.

On this page, you can overview the router's interfaces status and do some modify actions to them, such as Connect, Stop, Edit and Delete.

KASDA ROUTER :Home ×	Colorar Holes Scale Neval & 19853	the street line	- C X
← → C () mykasda.com/cgi-bin/luci/;stok=2d7f9177857bcf31815	afc64a2b453e6/admin/network/		ର୍ଜ୍ଧ 🕁 📀
	Status System Services Network	rmware: KW6516 V1.8.4 2017.03.15 WAN IP: 192.168.10.220 Logout	·
Interface	WiFi WPS DHCP and DNS Static Routes	Firewall Diagnostics	
Interfac	e Overview		
Netw	ork Status	Actions	
GUE ⊮ (∠ br-gu	RX: 0.00 B (0 Pkts.)	<ul> <li>Connect</li> <li>Stop</li> <li>∠ Edit</li> <li>∠ Delete</li> </ul>	
er (gr: br-la	RX: 283.65 KB (1922 Pkts.) TX: 579.28 KB (1650 Pkts.)	Connect Stop Edit Delete	
aw ** Ddts	TX: 243.95 KB (1277 Pkts.)	Connect     Stop     Edit     K Delete	
WAA @ww	MAC-Address: 00:00:00:00:00:00 RX: 657.62 KB (4746 Pkts.)	<ul> <li> <i>d</i> Connect         <ul> <li></li></ul></li></ul>	
taAdd ne	w interface		
Global	network options		
IPv6 ULA	- Prefix fdef:bd66:30d9::/48		
	Save & Apply Save C Kasda Networks Inc		

#### Interface—WAN

Choose the WAN interface, and you will go to the common configuration such as General Setup, Advanced Settings, Physical Settings and Firewall Settings.

C       O mykasda.com/cgi-bin/luci/stok=2d7917887bcf31815afc64a2b453e6/admin/network/network/wan/         C       Firmwares: KV0516 V1.8.4 20127.03.15 VMN ID: 192.108.10.220         Easic Setup       Status         Interfaces       WRI         WAN       WANG         On this page you can configure the network interfaces. You can bridge several interfaces by top the interfaces?         On this page you can configure the network interfaces. You can bridge several interfaces by top the "bridge interfaces" field and enter the names of several network interfaces separated by spaces. You can also use VLAN notation IDTEDACE VLANK (e.g.: etab.1).         Common Configure tion       General Setup         Status       Uptime: oh 7m 13s MAC-Address: F45:F7:42:AC:A7         MC: 270.251.07.01.100.100.110.010.01:00:10:06:10:0F65F;F7FF;FE42:ACA7/64         Protocol       DHCP         Protocol       DHCP         DHCP Server       INCP Server	KASDA ROUTER :Home ×	second primer from how News In Collision - Minuse King	÷ - • •ו
WAR (F): 192.108.10.220         Pasto Setup Status System Services Network Logout         Interfaces WHE WPS DHCP and DNS Static Routes Firewall Diagnostics         WAR WARE GUEST LAN         Interfaces - WAN         On this page you can configure the network interfaces. You can bridge several interfaces by tidding the "bridge interfaces" field and enter the neares of several network interfaces separated by spaces. You can ab use VLAN motion 1971897ALE VLARE (e.g.: +tb).         Common Configuration         General Setup         Status       Uptime: 0h 7m 13s MAC-Address: F4:5F:F7:42:AC:A7         # RX: 723.82 KB (1236 pHts.)         ethol. 220/24         I Irve:         2001:DB0:1:0:F65F:F7F:FE:F42:ACA7(64         Protocol       DHCP         Protocol       DHCP         Really switch protocol?       WSwitch protocol	$\leftrightarrow$ $\rightarrow$ C () mykasda.com/cgi-bin/luci/;stok=2d7f9177857	bcf31815afc64a2b453e6/admin/network/network/wan/	ର୍ ଦ୍ଧ 🛧 📀
Interfaces - WAN On this page you can configure the network interfaces. You can bridge several interfaces by ticking the "bridge interfaces" field and enter the names of several network interfaces separated by spaces. You can also use <u>VLAN</u> notation INTERACE. VLAND (e.g.: etab. 1). Common Configuration General Setup Status Uptime: 0h 7m 13s MAC-Address: F4:5FF:F7:42:AC:A7 RS: 72:30:24 (5259 PMts.) eth-0.2 IPv4: 192.169.10.220/24 IPv6 2001:D601:10:F65F:F7F:FE42:ACA7/64 Protocol Protocol Protocol		WAN IP: 192.168.10.220 Basic Setup Status System Services Network Logout Interfaces WiFi WPS DHCP and DNS Static Routes Firewall Diagnostics	
MAC-Address: F4:5F:F7:42:AC:A7 MAC-Address: F4:5F:F7:42:AC:A7 max: T2:32.8 k8 (1356 Mts.) eth.2 IP4: 192.168.10.220/24 IPv6: 2001:DB0:1:0:F65F:F7F:FE42:ACA7/64 Protocol Protocol Protocol Maximum protocol? Maximum protocol		nterfaces - WAN In this page you can configure the network interfaces. You can bridge several interfaces by cking the "bridge interfaces" field and enter the names of several network interfaces separated y spaces. You can also use <u>VLAN</u> notation INTERACE VLANR (e.g.: etb. 1). " Common Configuration	
Really switch protocol?		Optimies Join 1235         SF:F7:42:AC:A7           MAC-Address: F4:SF:F7:42:AC:A7           RX: 72:3.82:K6 (5296 Pkts.)           etho.2         SZ:S2.87 K6 (1359 Pkts.)           etho.2         TIP4: 192.165.10.220/24           IPv6:         2001:DB0:1:0:F65F:F7FF:FE42:ACA7/64	
DHCP Server			
General Setup     IPM6 Settings       Ignore interface     ₩ • Disable DHCP for this interface.		General Setup   IPv6 Settings	
■Save & Apply ●Save ●Cancel Kastela Networks Ince			

#### Wan Connection Protocol

#### 1. DHCP

If you connect with a dynamic IP address or cable modem, keep the default: DHCP Protocol.

General Setup	
Status	Uptime: 0h 7m 33s
	MAC-Address: F4:5F:F7:42:AC:A7
	RX: 845.22 KB (5865 Pkts.)
	eth0.2 TX: 255.16 KB (1392 Pkts.)
	etnu.2 IPv4: 192.168.10.220/24
	IPv6:
	2001:DB0:1:0:F65F:F7FF:FE42:ACA7/64
Protocol	DHCP •
Really switch protocol?	Switch protocol

#### 2. Static

To use a fixed IP Address to connect the Internet, select Static Protocol. Then click **switch protocol** to type in the parameters your ISP provide.

KASDA ROUTER :Home ×	-	Colory Make Saw New 's Children, Marriel Red.	- 0 <b>- X</b>
$\leftrightarrow$ $\rightarrow$ $\mathbb{C}$ () mykasda.com/cgi-bin/luci/;st	ok=2d7f9177857bcf3181	15afc64a2b453e6/admin/network/network/wan/	\$ ☆ 3
	Kasda	<ul> <li>Firmware: KW6516 V1.8.4 2017.03.15</li> <li>WAN IP: 192.168.10.220</li> </ul>	*
	Basic Setup Stat	us System Services Network Logout	
	Interfaces WiFi	WPS DHCP and DNS Static Routes Firewall Diagnostics	
	WAN WANG GUE	IST LAN	
	nterfaces - W	AN	
	icking the "bridge i	an configure the network interfaces. You can bridge several interfaces by interfaces" field and enter the names of several network interfaces s. You can also use <u>VLAN</u> notation INTERFACE. VLANR (e.g.: eth0. 1).	
	Common Conf	iguration	
	General Setup	Advanced Settings Physical Settings Firewall Settings	
	Status	Uptime:         0h 8m 8s           MAC-Address:         F4:5F:F7:42:AC:A7           RX:         988.11 KB (6419 Pkts.)           rethol:         TX:         265.26 KB (1489 Pkts.)           IPv4:         192.168.10.220/24           IPv6:         2001:DB0:1:0:F65F:F7F:FE42:ACA7/64	
	Protocol	Static	
	IPv4 address	192.168.10.220	
	IPv4 netmask	255.255.265.0 🔹	
	IPv4 gateway	192.168.10.1	
	IPv4 broadcast		-

**IPv4 Address** – enter the IPv4 address provided by your ISP. It is a necessity to connect Internet.

**IPv4 netmask** – enter the netmask provided by you ISP. It is a necessity to connect Internet.

**IPv4 gateway** – enter the gateway IP address provided by your ISP. It is a necessity to connect Internet.

**Use custom DNS servers** – enter the DNS (Domain Name System) server IP address provided by your ISP. If you have two or more DNS servers, you can click the add button behind to add.

#### 3. PPPoE

If you use PPPoE connection, select PPPoE as your WAN Protocol and click Switch Protocol to confirm.

KASDA ROUTER :Home ×		North Trans Anna Narad & Child Anna ( Marrad Kali)	🖆 💶 🗖 💻 🗶
← → C ① mykasda.com/cgi-bin/luci/;stc	k=2d7f9177857bcf31815afc64	4a2b453e6/admin/network/network/wan	키 🗟 ☆ 📀
	Kasda®	Firmware: KW6516 V1.8.4 2017.03.15 WAN IP: 192.168.10.220	A
	Basic Setup Status	System Services Network Logout	
	Interfaces WiFi WPS	DHCP and DNS Static Routes Firewall Diagnostics	
	WAN WANG GUEST I	LAN	
1	nterfaces - WAN		
t	icking the "bridge interfa	figure the network interfaces. You can bridge several interfaces by aces <sup>a</sup> field and enter the names of several network interfaces $u$ can also use <u>VLAN</u> notation INTERFACE. VLANR (e.g.: eth0. 1).	
	Common Configura	ation	
	General Setup Adva	nced Settings Physical Settings Firewall Settings	
	Status	RX: 0.00 B (0 Pkts.) pppoe-wan TX: 0.00 B (0 Pkts.)	
	Protocol	PPPoE T	
	Username	Username cannot be empty.	
	Password	Image: Second cannot be empty.	
	Access Concentrator	Billo ② Leave empty to autodetect	
	Service Name	auto a Leave empty to autodetect	

**Username** – enter the username provided by your ISP. It is a necessity to connect the Internet.

**Password** – enter the password provided by your ISP. It is a necessity to connect the Internet.

Access Concentrator – enter the Access Concentrator if required by your ISP.

**Service Name** – enter the Service Name, if required by your ISP, or just leave it empty to autodetect.

#### Interface – LAN

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$\leftrightarrow$ $\supset$ $\bigcirc$ $\bigcirc$ mykasda.com/cgi-bin/luci/;sto	k=2d7f9177857bcf31815afc64a2b453e6/	admin/network/network/lan/	© ☆ 10
	Kasda®	Firmware: KW6516 V1.8.4 2017.03.15 WAN IP: 192.168.10.220	A
	Basic Setup Status System	Services Network Logout	
	Interfaces WIFI WPS DHCP and	DNS Static Routes Firewall Diagnostics	
	WAN WANG GUEST LAN		
1	nterfaces - LAN		
ti	icking the "bridge interfaces" field	e network interfaces. You can bridge several interfaces by d and enter the names of several network interfaces o use <u>VLAN</u> notation INTERFACE. VLANIR (e.g.: eth0. 1).	
	Common Configuration		
		tings Physical Settings Firewall Settings	
	Status	Uptime: 0h 9m 36s	
		MAC-Address: F4:5F:F7:42:AC:A6	
		RX: 376.69 KB (2873 Pkts.) br-lan TX: 980.75 KB (2583 Pkts.)	
		<b>IPv4:</b> 10.0.0.1/24	
		IPv6: FDEF:BD66:30D9:0:0:0:0:1/60	
	Protocol	Static v	
	IPv4 address	10.0.0.1	
	IPv4 netmask	255.256.256.0	
	IPv4 gateway		
	IPv4 broadcast		
	Use custom DNS servers	th	-

**IPv4 Address / Netmask:** this is the router IP address and subnet mask as seen on the Internet LAN. The default value is 192.168.1.1 for IP address and 255.255.0 for netmask.

Ignore interface – check it to disable the DHCP for this interface

Start IP – lowest leased address as offset from network address

**Limit** – enter the maximum number of PCs that you want the DHCP server to assign IP addresses to. The absolute maximum is 253, possible if 192.168.1.2 is your starting IP address.

**Lease time** – enter the length of time, in minutes, that a DHCP client will be allowed to use a dynamic IP address. The default is 0 minute, which means one day. After this time is up, the client will be automatically assigned a new dynamic IP address, or the lease will be renewed.

#### 6.3.2 WiFi

Click **"WiFi"**, you will go to the wireless overview page. There are four wireless SSID by default: 2.4GHz, 5GHz and Guest for 2.4GHz&5GHz. On the overview page, you can **disable/enable**, **edit** and **remove** the WiFi SSID.

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← → C ① mykasda.com/cgi-bin/luci/;stok=2d7f	9177857bcf31815afc64a2b453e6/admin/network/wireless/		@ ☆ 📀
K	asda	Firmware: KW6516 V1.8.4 2017.03.15 WAN IP: 192.168.10.220	*
Basic	Setup Status System Services Network	Logout	
Interfac	ces WiFi WPS DHCP and DNS Static Routes Fi	rewall Diagnostics	
	ACA6-5G KW6516 GUEST Kasda ACA6 KW6516 GUEST ACA6-5G KW6516	Kasda ACA6 KW6516	
Wirel	ess Overview		
<u>@</u>	2.4GHz		
	Mode: Client SSID: Kasda ACA6 KW6516 BSSID: F4:5F:F7:42:AC:A8	Disable Edit	
	Mode: Client SSID: Kasda ACA6 KW6516 GUEST Wireless is disabled or not associated		
@	SGHz		
	Mode: Client SSID: Kasda ACA6-5G KW6516 BSSID: F4:5F:F7:42:AC:A9	Oisable Edit	
	Mode: Client SSID: Kasda ACA6-5G KW6516 GUEST Wireless is disabled or not associated	# Enable d Edit	
	Kasda Networks I	nc.	

Click the "Edit", and you will go the page where you can modify the parameters.

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← → C 🛈 mykasda.com/cgi-bin/luci/;stok=2d7f9177857	bcf31815afc64a2b453e6/admin/	network/wireless/mt7603e.network1		ର 🕈 🗟 🏠 🔇
	asda ACA6-5G KW6516 /ireless Network:Kasda ACA6 KW6516	Static Routes Firewall Diagnostics la ACA6 KW6516 GUEST <mark>Kasda ACA6 KW6516</mark>	_	Â
	Device Configuration	rs physical settings of the radio hardware such as election which are shared among all defined wireless th SSID capable). Per network settings like encryption or terface Configuration.		
	General Setup Advanced Settings Status	Mode: Client SSID: Kasda ACA6 KW6516 BSSID: F4:SF:F7:42:AC:A8 Bitrate: 300.0 Mbit/s Channel: 6		
	Radio on/off	on		
	Network Mode	802.11b/g/n		
	Channel	2437MHz (Channel 6)		
	Band Width	40MHz		
	Interface Configuration			
	ESSID Mode	Kasda ACA6 KW6516		
	Network	guest:       lan:       wan6:       . wan6:       . create:       . Choose the network(d) you want to attach to this wireless interface or fill out the create field to define a new network.		
	WMM Mode	Enable		
	APSDCapable	Disable		
		ve & Apply   Save  Cance  Kasta Networks Inc.		

**Radio on/off** – when wireless clients survey the local area for wireless networks to associate with, they will detect the SSID radio by the router. To broadcast your router SSID, keep the default setting—on. If you do not want to broadcast the router SSID, then select off.

**Network Mode** – keep it default as 802.11b/g/n. If you have special demand, you can select the mode as you like.

**Channel** – this field determines which operating frequency will be used. It is not necessary to change the wireless channel unless you notice interference problems with another nearby access point. If you select auto, then router will choose the best channel automatically.

Bandwidth – the bandwidth of the wireless channel.

**ESSID** – it is the name of your wireless network. You can keep it default or rename it as you like.

**Mode** – when you set up the wireless network via Wizard Setup, it is Client mode by default. Most customers choose "Access Point".

**Network** – Choose the network(s) you want to attach to this wireless interface or fill out the *create* field to define a new network.

WMM Mode – keep it default "Enable".

**APSDCapable** – it is for power saving. Choose enable if you need or keep it default.

#### 6.3.3 WPS

You can start WPS (Wi-Fi Protected Setup) here by click the Enable button.

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	Kasda®	Firmware: KW6516 V1.8.4 2017.03.15 WAN IP: 192.168.10.220	
	Basic Setup Status	System Services Network Logout	
	Interfaces WiFi WPS	DHCP and DNS Static Routes Firewall Diagnostics	
<u>v</u>	WPS		
Y	'ou can start WPS (Wi-Fi	Protected Setup) here.	
	Wi-Fi Protected Se	tup	
	WPS Configuration		
	Enable WPS	© Enable	
		Save & Apply Save Cancel	
		Kasda Networks Inc.	

#### 6.4 Logout

Click here for logging out your router and it will go back to the login page.

### **Appendix:** Frequent Asked Questions

This chapter offers some suggestions to solve problems you might encounter. The potential problems are divided into 3 categories: Power, Hardware Connections, and LEDs; Device Access and Login; Internet Access.

#### 1. Power, Hardware Connections, and LEDs

#### None of the LEDs are on when power on the router.

Please make sure what you use is the power adaptor attached with the router package and checks the connection between the AC power and router.

#### LAN LED does not turn on after connect Ethernet cable.

Please make sure Ethernet cable is connected hub/PC and router correctly. Then please make sure the PC/hub have been power on.

Please make sure that you use parallel network cable to connect UpLink port of hub, or use parallel network cable to connect PC. If connect normal port of hub (not UpLink port), you must use cross-cable. Please make sure that your network cables meet the networking requirements above.

#### 2. Device Access and Login

#### I forgot the password.

1. You have to reset the device to its factory defaults and set your initial login password and keep it in mind.

#### I cannot see or access the Login screen in the web configurator.

1. Make sure you are using the correct IP address.

The default login address is www.mykasda.com.

If you changed the IP address, use the new IP address.

If you changed the IP address and have forgotten it, see the **Frequent Asked Questions** for **I** forgot the IP address for the Router.

Make sure you are using the correct IP address.

- 2. Check the hardware connections, and make sure the LEDs are behaving as expected.
- 3. Make sure your Internet browser does not block pop-up windows.
- 4. Make sure your computer is in the same subnet as the Router.

If there is a DHCP server on your network, make sure your computer is using a dynamic IP address.

If there is no DHCP server on your network, make sure your computer's IP address is in the same subnet as the router.

5. Reset the device to its factory defaults and reboot it again.

#### My PC is unable to connect to the wireless connection.

Please make sure that all devices communicating with the device must use the same channel (and use the same SSID). Otherwise your PC will not find the wireless Router.

#### **3. Internet Access**

#### My PC cannot access the Internet

First check whether PC can ping the interface Ethernet IP address of this product successfully (default value is 192.168.1.1) by using ping application. If ping application fails, please check the connection of Ethernet cable and check whether the states of LEDs are in gear. If the PC uses private IP address that is set manually (non-registered legal IP address), please check:

- 1. Whether IP address of the PC gateway is legal IP address. Otherwise please use the right gateway, or set the PC to Obtain an IP address automatically.
- 2. Please confirm the validity of DNS server appointed to the PC with operator. Otherwise please use the right DNS, or set the PC to Obtain an IP address automatically.
- 3. Please make sure you have set the NAT rules and convert private IP address to legal IP address. IP address range of the PC that you specify should meet the setting range in NAT rules.
- 4. Central Office equipment may have problem.
- 5. The country or the wireless network type you selected is wrong.

#### My PC cannot browse Internet web page.

Please make sure DNS server appointed to the PC is correct. You can use ping application program to test whether the PC can connect to the DNS server of the operator.

#### If the cause is not given above, please contact your local service provider!

#### Caution:

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.

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The distance between user and products should be no less than 20cm during normal operation.

Indoor use only.