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Welcome to Custom Integration Solutions

Thank you for purchasing CIS devices. Our solutions make it easy for integrators to deploy networks in home and business settings with minimal configuration. Our support team is here to assist with setting up equipment and answering your network related questions.

Overview

The CIS-5009-8POE provides plenty of routing capability with its quad-core ARM CPU running at 1.4 GHz and 1 GB of RAM. The CIS-5009-8POE router is equipped with a 2.5 Gigabit Ethernet port, 7 Gigabit Ethernet ports and one SFP+ port, compatible with 10 Gb modules. The device is pre-configured with all ports switched together. The CIS-5009-8POE provides 802.3af/at compatible PoE on all 8 ports.

Package Contents



Power

The CIS-5009-8POE can receive power from 3 different sources – the DC jack, the 2-pin terminal, or via PoE-in on any Ethernet port. The device accepts 24-57v of power and will use the source with the highest voltage.

PoE Output

The CIS-5009-8POE can supply PoE to external devices on all Ethernet ports. The included 48v adapter provides power to your access points, cameras, touchpads and more.

By default, the PoE mode is set to auto. It will not damage non-PoE devices and will auto-detect devices with PoE support and their required voltage. Once a PoE device is detected, it will be powered on.

The device consumes a maximum of 150w of power when fully loaded, or 15w without attachments.

Device Details

Ports

- 1 2.5 Gigabit Ethernet port.
- 7 Gigabit Ethernet ports.
- 1 SFP+ cage, which accepts 10 GB SFP modules.
- USB 3.0 Port (disabled).
- DC Jack connect the included 48v adapter.
- 2 pin terminal (optional) the router can be powered by an external power supply.



LED Indicators

- 1 Indicates the DC jack is providing power to the router.
- 2 Indicates the 2-pin terminal is providing power to the router.
- SFP+ Indicates SFP+ activity.
- Ethernet 1–8 Indicates network activity on Ethernet ports 1 through 8.

Buttons

Reset button: If you would like to reset the router, it is highly recommended you contact CIS. Resetting your CIS router will remove all custom configuration, including services you may have paid for.

Quick Setup



- 1. Connect the power to the DC jack on the front of the router.
- 2. Connect the ISP's modem to the **2.5G** port on the front of the router with an Ethernet cable.
- 3. Connect your remaining devices to the Ethernet ports.
- 4. (Optional) Use the SFP+ port to connect to a switch.

Accessing the Web Interface

- 1. Connect the ISP's modem to the port labelled "2.5G". Connect your laptop to any remaining port on the front of the CIS router. Ensure your computer is set to DHCP mode.
- 2. In a web browser, navigate to **10.100.1.1** (the default IP address). If you have requested a different network address, enter it or open a command window and use the **ipconfig** command to get the default gateway. Enter this value in the browser.
- 3. To login, enter the username **cis** and password **integration**.
- 4. Integrators may use the Get TeamViewer link if remote assistance is required.

CIS-5009-8POE Router	
You have connected to a router. Administrative access only. If this device is not in your possessi network administrator.	on, please contact your local
CIS Login:	Custom Integration Solutions
Login: Cis Login	
Password: integration	
	ч
📕 🚈 🤜 7🚃 🖅	
Owners Guide Get TeamViewer CLS Store Like us on Facebook!	
	© Custom Integration Solutions

The Status Page

The status page provides basic diagnostic information. There is a CIS Support Address should you require assistance. The router's Identity will show you which device you are accessing on your network. You can view uptime, memory usage and load on the CPU.

CIS Router Status	D 1 00			
💭 Wi-Fi Manager	RouterOS v6.47.7 (stable)			
Interfaces				
155 IP ►				
System 🕨				
🔀 Tools 🔹 🕨		ISP		CIS Router WAN Data
🥎 Undo	ISP Public Address			50.0 kbps
nedo 💎				40.0 kbps
Hide Passwords	CIS Router IP Address			30.0 kbps
		CIS Router	But Couch	20.0 kbps
	CIS Router Identity		Byte Graph	10.0 kbps
	CIS Router Address	10.100.1.1/24		- Tx cur: 0 bps 979 bps 7.7 kbps
	CIS Router Uptime	6d 02:19:46		
	Time	10:43:49		10 p/s
	CPU Frequency	800 MHz		8 p/s 6 p/s
	Temperature	40 C		4 p/s
	CPU Load	2 %	Packet Graph	2 p/s
		CIS Platinum Support		Tx cur: 0 p/s avg: 1 p/s max: Packet cur: 0 p/s avg: 1 p/s max:
		10.251.252.225		
	PAR	FOR INTEGRATOR PLATINUM SUPPORT PRESENT YOUR PAR ID		Rx cur: 1 p/s avg: 2 p/s max: Packet 8 p/s

Setting the Router's Identity

The identity is used to identify your device on the network. It is essential to set the router to the name of the client using the format below, as CIS will use it to identify the router when connecting for updates and troubleshooting.

The **Identity** setting can be found in the **System** tab in the left toolbar.

RouterOS v6.47.7 (stable)
Rodel 00 Tolkin (Jubic)
Apply
Identity CIS Router
Format "Lastname_Firstname"

Undo / Redo

Undo and Redo buttons are located in the left toolbar. You may use them to quickly undo/redo any changes made to configuration.

CIS Router Status	
💭 Wi-Fi Manager	
Interfaces	
IP	•
🔯 System	•
🔀 Tools	►
🥎 Undo	
🎓 Redo	
Hide Passwords	_

Show / Hide Passwords

Selecting the **Hide Passwords** button in the left toolbar will toggle the displaying of passwords related to Wi-Fi, Hotspot, and more.

🥎 Undo
nedo
Hide Passwords

Rebooting the Device

If you are having ongoing issues with your network and suspect a reboot will help, the **Reboot** option can be found in the **System** tab in the left toolbar. Clicking reboot will ask for confirmation before proceeding.

🔯 System	
Clock	
Identity	
Note	
Password	
Reboot	

Changing the Default Password

After you log in for the first time, please create a new a password to increase the security of the device. Enter the old password in the top field and a secure password in the new and confirm password fields.

CIS Router Status	RouterOS v6.47.7 (stable)	X
💭 Wi-Fi Manager		
Interfaces		Change
255 IP 🕨		
🔯 System 🔻	Change Cancel	
Clock		
Identity	Old Password	
Note	BE SURE TO REMOVE DEFAULT PAS	SWORD
Password	New Password	
Reboot		
🔀 Tools 🔹 🕨	Confirm Password	
🥎 Undo	RECORD YOUR NEW PASSWORD	
🎓 Redo		
🚥 Hide Passwords		

Setting the Time Zone

You can find the Clock settings under the System tab in the left toolbar. Select your time zone from the drop-down menu.

CIS Router Status	RouterOS v6.47.7 (stable)	
💭 Wi-Fi Manager		
Interfaces		Clock
255 IP 🕨		
🔯 System 🔻	Apply	
Clock		
Identity		Time
Note		
Password	Time	11:08:40
Reboot	Date	Apr/13/2021
🗙 Tools 🔹 🕨		
🥎 Undo	Time Zone Autodetect	
Aedo	Time Zone Name	Canada/Pacific 🗸
📼 Hide Passwords]	

IP Addressing

View the Router's IP Addresses

To view the IP addresses assigned to the router, choose the **Addresses** tab in the **IP** section in the left toolbar. You can see the WAN address on **ether-01-gateway-WAN**, the LAN address assigned to **bridge-operations**, and either a CIS support address or a PAR address.

CIS Router Status	RouterOS	v6.47.7 (stable)			
💭 Wi-Fi Manager	Routeros	vo.47.7 (Subic)			
🚥 Interfaces					Address List
255 IP 🔻					
Addresses	4 items				
DHCP Client	4 items				
DHCP Server		▲ Address	Network	Interface	
DNS	;;; Operation	IS			
Firewall		+ 10.100.1.1/24	10.100.1.0	bridge-operations	
Hotspot	D	+ 10.251.252.225/32	10.250.0.1	PAR	
Pool	D	+ 10.255.254.199/32	10.255.254.1	CIS_Support	
UPnP	D	+		ether-01-gateway-WAN	
🔯 System 🕨 🕨					
🗙 Tools 🔹 🕨					

The DHCP Client Tab

The DHCP Client tab will present you with the IP address assigned to your router from the ISP's modem. Click on the entry to see the addresses and DNS servers assigned to your router from the ISP.

CIS Router Status	RouterO	5 v6.47.7 (stable)					
💭 Wi-Fi Manager	nouccion	s torrin (subic)					
Interfaces							DHCP Client
255 IP 🔻	1						
Addresses	1 item						
DHCP Client	1 item						_
DHCP Server		▲ Interface	Use Peer	Add Defa	IP Address	Expires	
DNS		* Interface	DNS	Route	IF Address	After	
Firewall	;;; Operation	ns					
Hotspot	D	ether-01-gateway-WAN	no	yes	1	02:34:20	
Pool							
UPnP							
🔯 System 🕨	1						
🔀 Tools 🔹 🕨]						

Renewing the WAN IP Address

Once you've clicked the entry under the **DHCP Client** option, click the **Renew** button to obtain a new lease.

CIS Router Status	RouterOS v6.47.7 (stable)	
💭 Wi-Fi Manager	Router of total (suble)	
Interfaces	DH	CP Client <ether-01-gateway-wan></ether-01-gateway-wan>
255 IP 🔻		
Addresses	OK Cancel Apply Renew	
DHCP Client		
DHCP Server	Status: bound	not invalid
DNS	Enabled	
Firewall		WILL BREAK THE CONNECTION TO THE INTERNET
Hotspot		DHCP
Pool		Diff
UPnP	Interface ether-01-gateway-WAN	
🔯 System 🕨	Use Peer DNS	
🔀 Tools 🔹 🕨		
🥎 Undo	Use Peer NTP 🛛	
	Add Default Route yes	
- Hide Passwords		

The DHCP Server

The main page displays the lease time for the DHCP server.

CIS Router Status	Route	rOS v6.47.	7 (stable)				
💭 Wi-Fi Manager							
Interfaces	DHCP	Networks	Leases				DHCP Server
255 IP 🔻							
Addresses	1 item						
DHCP Client	1 item						
DHCP Server		.▲ Na	me	Interface	Lease Time	Address Pool	
DNS		Oper	ations	bridge-operations	2d 00:00:00	Operations	
Firewall		opc.		bridge operations	20 00100100	operations	
Hotspot							
Pool							
UPnP							

The **Leases** tab displays the IP and MAC addresses of connected devices.

CIS Router Status	Route	erOS	v6.47.7 (stable)					
💭 Wi-Fi Manager	Rode		vo.47.7 (Suble)					
Interfaces	DHCP	Net	works Leases					DHCP Server
255 IP 🔻	1			-				
Addresses	Add N	ew						
DHCP Client								
DHCP Server	4 item	IS						
DNS			▲ Address	MAC Address	Active	Active MAC Address	Active Host Name	Expires After
Firewall			Address	MAC Address	Address	ACTIVE MAC Address	Active host Name	Expires Alter
Hotspot	-	D	10.100.1.100		10.100.1.100		CIS-SW-POE4	1d 22:16:33
Pool	-	D	10.100.1.101		10.100.1.101		RACK_DEMO_WAP	1d 22:16:35
UPnP	-	D	10.100.1.103		10.100.1.103		Dylans-Phone	1d 22:23:15
🔯 System 🕨	-	D	10.100.1.105		10.100.1.105		DESKTOP-K47B36E	1d 23:53:03
🗙 Tools 🔹 🕨								

The **Networks** tab displays the gateway and DNS server IP addresses that the connected devices will receive.

CIS Router Status	RouterOS v	(6.47.7 (stable)			
😱 Wi-Fi Manager		(2000)			
Interfaces	DHCP Netwo	orks Leases			DHCP Server
255 IP 🔻					
Addresses					
DHCP Client	1 item				
DHCP Server		Address	Gateway	DNS Servers	
DNS	;;; Operations				
Firewall		10.100.1.0/24	10.100.1.1	10.100.1.1	
Hotspot					
Pool					
UPnP					
🔯 System 🕨 🕨	1				
🔀 Tools 🔹 🕨	1				

Setting a DHCP Reservation

It is highly recommended that static DHCP reservations are created for important networking devices such as switches, access points, automation controllers, NVRs, printers, etc.

 Before assigning a static IP address, select IP > Pool from the toolbar. Do not assign any addresses inside of the DHCP pool range. In addition, it is recommended you perform an IP Scan to ensure the IP address you wish to assign is unused. See the Tools section for more info.

CIS Router Status	Router)S v6.47.7 (stable)							
💭 Wi-Fi Manager	Routere	10 VO.47.7 (Subic)							
M Interfaces									
🏥 IP 🛛 🔻									
Addresses	2 items								
DHCP Client	2								
DHCP Server		▲ Name	Addresses						
DNS		+ Operations	10.100.1.100-10.100.1.199						
Firewall		🕂 VPN Pool	192.168.15.100-192.168.15.150						
Hotspot									
Pool									
UPnP									
🔯 System 🕨	1								
🗙 Tools 🔹 🕨									

View the **Operations** pool. You should not reserve addresses between 10.100.1.100 and 10.100.1.199 on this device.

2. Click anywhere on the table entry for the device you wish to create a reservation.

4 item	IS						
		Address	MAC Address	Active Address	Active MAC Address	Active Host Name	Expires After
-	D	10.100.1.100		10.100.1.100		CIS-SW-POE4	1d 22:00:07
-	D	10.100.1.101		10.100.1.101		RACK_DEMO_WAP	1d 22:00:09
-	D	10.100.1.103		10.100.1.103		Dylans-Phone	1d 22:06:49
-	D	10.100.1.105		10.100.1.105		DESKTOP-K47B36E	1d 23:36:37

3. Click the Make Static button near the top.

CIS Router Status	RouterOS v6.47.7 (stable)
💭 Wi-Fi Manager	
Interfaces	DHCP Lease <10.100.1.103,10.100.1.103>
155 IP 🔻	
Addresses	Close Remove Make Static
DHCP Client	
DHCP Server	Status: bound not radius not blocked dynamic
DNS	Enabled
Firewall	

4. Select **close**, then click on the same entry in the leases table. You can now edit the IP address.

CIS Router Status	RouterOS v6.47.7 (stable)
💭 Wi-Fi Manager	
Interfaces	DHCP Lease <10.100.1.103,10.100.1.103>
🏥 IP 🛛 🔻	
Addresses	OK Cancel Apply Remove
DHCP Client	
DHCP Server	Status: bound not radius not blocked
DNS	Enabled 🔽
Firewall	Enabled 🗹
Hotspot	General
Pool	
UPnP	Address 10.100.1.103 V
🔯 System 🕨 🕨	***Do NOT place static reservations inside the DHCP pool***
🔀 Tools 🔹 🕨	MAC Address DA:B2:D0:E6:7C:30

5. Once assigned you will need to renew the lease on the device, disconnect and reconnect it to the network, or reboot it for the new IP address to take effect.

- D	10.100.1.200	DA:B2:D0:E6:7C:30	10.100.1.103	DA:B2:D0:E6:7C:30	Dylans-Phone	1d 21:59:08

The active IP address will not change until the device requests a new lease.

Changing the DNS Servers

In the **IP** section in the left toolbar, select the **DNS** tab. CIS Routers now use Google DNS by default (8.8.8.8 and 8.8.4.4). To add another server, click the down arrows, and a box will appear below the arrow you have clicked on. To remove a server, click the up arrow next to the box.

CIS Router Status	RouterOS v6.47.7 (st	ahle)	K
😱 Wi-Fi Manager	1000010010.4777 (50	abicy	
Interfaces			DNS
255 IP 🔻			
Addresses	Apply		
DHCP Client			
DHCP Server	6	▼ 8.8.8.8	
DNS	Servers	▼ 8.8.4.4	
Firewall	Durania Camana		
Hotspot	Dynamic Servers		
Pool			
UPnP			
🔯 System 🕨 🕨			
🔀 Tools 🔹 🕨			

Port Forwarding

Port forwarding allows inbound traffic to a specific port on a desired host. Be careful when using port forwarding, as each port you open may leave the host vulnerable to attack! CIS recommends using a VPN connection instead whenever possible.

By default, there is a port forwarding rule to use as a template. Select the **Firewall** section in the left tool bar. Click on the **Port-Forward** entry.

CIS Router Status	Route	rOS ve	5 47 7 (stable)						[
😱 Wi-Fi Manager	Ttoute											
Interfaces										Fire	wall	
255 IP 🔻	1											
Addresses	Add Ne	w Res	et All Co	ounters						all	~	
DHCP Client	l											
DHCP Server	3 items											
DNS			#	Action	Chain	Dst. Address	Prot	Dst. Port				
Firewall	;;; CIS_	CONFIG	URATIC	N***DO NOT CHANG	GE***							
Hotspot	- D		0	🗧 masquerade	srcnat							
Pool	;;; CIS_	CONFIG	URATIC	N***DO NOT CHANG	GE***							
UPnP	- D		0	🔠 masquerade	srcnat							
🔯 System 🔹 🕨	;;; Port-	-Forward	1									
💥 Tools 🔹 🕨	- E	Х	1	I dst-nat	dstnat		6 (tcp)	2198				
🔦 Undo												

Do NOT modify the CIS_CONFIGURATION rules or you may lose internet access!

Enabled		
	Genera	al
Chain	dstnat V For Port Forwarding Select "dstnat"	
Dst. Address	Dst. Address Should Match Public IP	
Protocol	▲ 6 (tcp) ✓	
Dst. Port	80 Enter Port Number	
	Actio	n
Action	dst-nat ✔ Select "dst-nat"	
To Addresses	10.100.1.100 Enter IP Address Of The Target Device	
To Ports	Enter Port Number	

Enabled	Check this box to activate the rule.
Chain	Set to dstnat
Dst. Address	The Dst. Address is your public IP address. It will be automatically updated.
Protocol	Select TCP or UDP based on which port you need to open.
Dst. Port	Enter the port(s) to open. You can enter a range (e.g., 5000-6000) or separate multiple ports with commas (e.g., 80, 443, 3389).
Action	Set to dst-nat .
To Addresses	Enter the IP address of the device on your network.
To ports	Optional. If you wish for the traffic to be forwarded to a different port on the device, enter it here.
Comment	The comment must be set to Port-Forward or the rule will not work!

Comment

Port-Forward

Comment Must End with "Port-Forward"

The comment must end with "Port-Forward" for the rule to work!

View and Set Interfaces

The Interfaces tab provides an overview of the activity on all ports. You can view the traffic sent and received, the status of PoE, PoE settings, PoE priority and current being drawn by PoE devices.

CIS Router Status	Route	RouterOS v6.47.7 (stable)										
🔍 Wi-Fi Manager	Route											
📟 Interfaces												
😳 IP 🕨 🕨												
🔯 System 🕨	6 items											
\chi Tools 🔹 🕨	o neeme											
🥎 Undo			▲ Name	Туре	мти	Actual MTU	L2 MTU	Тх	Rx			
🎓 Redo												
···· Hide Passwords	D	S	SFP	Ethernet	1500	1500	1600	0 bps	0 bps			
	;;; ETH	-01 WA	N PORT									
	D	R	ether-01-gatew	Ethernet	1500	1500	1598	126.4 kbps	31.2 kbps			
	;;; ETH	-02										
	D	RS	🚸 ether-02	Ethernet	1500	1500	1598	5.2 kbps	2.8 kbps			
	;;; ETH	-03										
	D	s	🚸 ether-03	Ethernet	1500	1500	1598	0 bps	0 bps			
	;;; ETH	-04										
	D	s	🚸 ether-04	Ethernet	1500	1500	1598	0 bps	0 bps			
	;;; ETH	-05										
	D	s	🚸 ether-05	Ethernet	1500	1500	1598	0 bps	0 bps			

Power Cycling an Ethernet Port

Select an Ethernet port in the table below to view the information for it. Click the **Power Cycle** button to disable, then re-enable the port.

CIS Router Status	RouterOS v6.47.7 (stable)	
💭 Wi-Fi Manager	,	
Interfaces		Interface <ether-04></ether-04>
255 IP 🕨		
🔯 System 🕨 🕨	OK Cancel Apply Power	Cycle
🗙 Tools 🔹 🕨		
🥎 Undo	no link not running slave	
Aedo	Enabled	2
- Hide Passwords		
		General
	Name	ther-04
	Туре	Ethernet

WireGuard



CIS is now offering an alternative to the L2TP VPN. With WireGuard, your clients can access their home network with minimal configuration on their mobile devices. Download the WireGuard app from the app store and scan the QR code provided by CIS. It also works well on Windows PCs and MacOS devices.

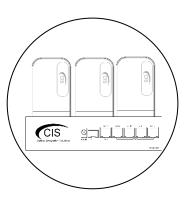
Call CIS to activate your WireGuard VPN. Your router will be configured for your devices, and you will be sent the required QR codes to connect them. You can monitor connectivity status and traffic from the **WireGuard** tab.

CIS Router Status	RouterOS	v7.5 (stable)			
🔍 Wi-Fi Manager					
Interfaces	WireGuard	Peers			
😽 WireGuard					
🏥 IP 🔹 🕨	0 items				
🔯 System 🕨	onterns				
🗙 Tools 🔹 🕨		▲ Interface	Rx	Тх	Last Handshake
🥎 Undo					
🎓 Redo					
Hide Passwords					

Managing Access Points with the Wireless Manager

All CIS routers include a Wireless Manager that allows you to manage your access points from a single location. All changes to SSIDs, passwords and other options will be propagated to all CIS access points on the network.

To configure your CIS access point for use with the Wireless Manager, view the manual for the CIS-ACWAP.



Viewing the Connected Access Points

On your CIS router, select the **Wi-Fi Manager** section in the left toolbar. The active Wi-Fi radios will be displayed.

CIS Router Status	Router	RouterOS v6.47.7 (stable)										
🔔 Wi-Fi Manager												
Interfaces	Interface	SSID-Channel	WiFi Password	Access List	WiFi Access Points	Registration Tab	ble	Wi-Fi Manager				
155 IP 🕨	•											
🔯 System 🕨	1 item											
🔀 Tools 🔹 🕨	Titem											
🥎 Undo		▲ Name	Тх	Rx	т	x Packet (p/s)	Rx Packet (p/s)	FP Tx				
🎓 Redo												
···· Hide Passwords	DR	D RMB CIS 2.4GHz-RACK 0 bps 0 0 0 bps										

If you select the **WiFi Access points tab**, you'll be able to view the identity, MAC address and other information of the individual access points.

CIS Router Status	RouterO	S v6.47.7 (stable	e)									
🔍 Wi-Fi Manager												
Interfaces	Interface	SSID-Channel	WiFi Password	Access List	WiFi Access Points	Registration Table	Wireless Access Points					
255 IP 🕨												
🔯 System 🕨	1 item											
🔀 Tools 🔹 🕨	1 item											
👆 Undo		▲ Address	Vers	sion Ident	ity State	Radio	s					
A Redo		6C:3B:6B:EA	A:36:1E 6.47	7.7 Rack	Run	1						
- Hide Passwords												

Viewing Connected Devices

Select the **Registration Table** tab to view the connected devices.

CIS Router Status	RouterO	outerOS v6.47.7 (stable)									
🔍 Wi-Fi Manager		C TOLANIA (Stable)	, 			_		_			
🚥 Interfaces	Interface	SSID-Channel	WiFi Password	Access List	WiFi Access Points	Regi	stration Tab	ole	Wi-	Fi Manager	
255 IP 🕨											
🔯 System 🕨	Channel S	canner									
🔀 Tools 🔹 🕨											
🥎 Undo	1 item										
Aedo		▲ Interface	SSID	MAC	Address Tx I	Rate	Rx Rate	Tx Signal	Rx Signal	Uptime	
···· Hide Passwords	-	CIS 2.4GHz-RA	ACK, CIS Guest		52M	lbps-20	65Mbps-2(0	-66	00:02:49.24	

Changing the SSID of Managed Access Points

Select the **SSID-Channel** tab in the **Wi-Fi Manager** section. Click on the 2.4GHz network.

CIS Router Status	RouterO	S v6.47.7 (stabl	e)					
🔍 Wi-Fi Manager		5 10.17.1 (Subi						_
Interfaces	Interface	SSID-Channel	WiFi Password	Access List	WiFi Acces	s Points	Registration Table	Wi-Fi Manager
155 IP 🕨	1							
🔯 System 🕨	2 items							
🔀 Tools 🔹 🕨	2 items							
🥎 Undo]	▲ Name	SSI	D	Hide SSID	Channe	ł	
Aredo 🔿		CIS 2.4GHz	Wireless CIS	Guest		2.4GHz	Channel 02	
- Hide Passwords		CIS 5GHz Wi	reless CIS	5GHz Wireless		5GHz C	nannel 5180	

Copy and paste the SSID so that the 5GHz network has the same SSID.

RouterOS v6.47.7 (stable))
OK Cancel Apply]
Name	CIS 2.4GHz Wireless
SSID	▲ CIS Guest
Hide SSID	▼

RouterOS v6.47.7 (stable)	
OK Cancel Apply]
Name	CIS 5GHz Wireless
SSID	▲ CIS Guest
Hide SSID	▼

Changing the Wi-Fi Password of Managed Access Points

Select the **Wi-Fi Password** tab. Click on the network that you'd like to change the password for. If you've purchased a guest network, it will appear here.

CIS Router Status	Router)S v6.47.7 (stabl	e)					
🔍 Wi-Fi Manager			_,					
Interfaces	Interface	SSID-Channel	WiFi Password	Access List	WiFi Access Poi	nts Registration	Table	Wi-Fi Manager
IP 🕨								
🔯 System 🕨	2 items							
💥 Tools 🔹 🕨	2 items							
🥎 Undo		▲ Name	Authen Type	tication En	cryption I	Passphrase		
Aredo 🔗		Guest	WPA2 P	SK ae	s ccm ·	** ** ** ** ** ** **		
Hide Passwords		Operations	WPA2 P	SK ae	s ccm ·	*******		

Click on the network you'd like to set the password for, then enter the passphrase in the box below. It is highly recommended you use only **WPA2 PSK** for security purposes. WPA is vulnerable to password cracking.

CIS Router Status	RouterOS v6.47.7 (stable)	
🔍 Wi-Fi Manager		
Interfaces		Security Configuration <guest></guest>
IP System Tools	OK Cancel Apply	
🥎 Undo	Name Guest	
 Redo Hide Passwords 	WPA PSK ✓WPA2 PSK Authentication Type WPA EAP WPA PSK IS A VULERABLE PROTOCAL	
	Encryption 🔺 🗹 aes ccm	
	Passphrase CREATE A SECURE PASSWORD	

PoE Information and Settings

PoE-Out Modes:

<u>Auto-on mode (default)</u>

When selected, auto-on mode checks for resistance on the host device and will automatically supply power to devices that require it. It will not damage non-PoE devices.

Forced-on mode

When selected, the router applies power on pins 4,5(+) and 7,8(-), even if no cable is attached.

Be careful plugging non-PoE devices into a port when Forced-on is selected. **You may damage your device!**

<u>Off mode</u>

When selected, the router will not supply power to connected devices.

PoE-Out limitations

The CIS-5009-8POE provides up to 420mA output on each port when supplying 48v power.

Enable/Disable PoE

Select the port from the **Interfaces** tab. Change the PoE Out option accordingly.

	PoE
PoE Out	auto on 🗸
PoE Priority	10
Power Cycle Ping Enabled	
Power Cycle Interval	
PoE Out Status	powered on
PoE Out Current	120 mA
PoE Out Voltage	
PoE Out Power	6.7 W

Tools

UPnP

Universal Plug and Play enables your router to easily discover other devices located on the network and vice-versa. If you require UPnP, select it under the **IP** tab in the toolbar, then enable it. UPnP has implications on the security of the device, and it is recommended you leave it disabled unless required.

CIS Router Status	RouterOS v6.47.7 (stable)	
💭 Wi-Fi Manager		
Interfaces	UPn	P Settings
255 IP 🔻		
Addresses	Apply	
DHCP Client	l	
DHCP Server	Enabled 🗌	
DNS		
Firewall		
Hotspot		
Pool		
UPnP		
🔯 System 🕨 🕨		

Ping

Ping uses Internet Control Message Protocol (ICMP) echo messages to determine if a remote host is active. It will also provide the round-trip time between the hosts. Enter the IP address of the device and select Start to begin.

CIS Router Status	RouterOS v6.4	RouterOS v6.47.7 (stable)						
😱 Wi-Fi Manager	10000000000							
Interfaces								Ping
255 IP 🕨 🕨								
🔯 System 🕨 🕨	Start Stop	Close						
🗙 Tools 🛛 🔻								
IP Scan								
Platinum Monitoring								Conservation
Ping								General
Torch	Ping To	0.0.0	~					
Traceroute		Enter Specific I	P of Device					
🥎 Undo	Timeout	1000	ms					
🎓 Redo								
Hide Passwords	ĺ							Advanced
	Packet Size	50						
	#	Seq #	Host	Time	Reply Size	TTL	Status	

IP Scan

The IP scan tool locates devices on the network. It can also locate devices that have a static IP set internally if they are on the same network as the router.

To use the IP scan tool, select the network you wish to scan on (bridge-operations is default), then enter the network address and subnet mask using CIDR notation.

CIS Router Status	RouterOS v6.47.7 (stable)								
💭 Wi-Fi Manager	nouter oo tonni (
Interfaces							IP Scan		
255 IP 🕨									
🔯 System 🕨	Start Stop	Start Stop Close							
🔀 Tools 🛛 🔻									
IP Scan	Interface	bridge-ope	erations 🗸						
Platinum Monitoring	Interface	Select Bridg							
Ping		. 10.100.1.0	/24						
Torch	Address Range Enter Network Address and Subnet Mask								
Traceroute									
🥎 Undo	#	Address	MAC Address	Time (ms)	DNS	SNMP	Netbios		
🎓 Redo									

Select **bridge-operations** and enter **10.100.1.0/24** as the address range. You may have multiple interfaces and address ranges depending on your configuration. Most use a /24 network size.

Traceroute

The traceroute tool is used to view the network hops between your router and a destination IP. For basic use, enter the IP address of the host to perform the trace on and click Start.

CIS Router Status	RouterOS v6.47.7 (stat	hle)			
💭 Wi-Fi Manager	100000000000000000000000000000000000000	512)			
Interfaces				Tracer	oute
255 IP 🕨					
🔯 System 🕨	Start Stop Clos	se			
🔀 Tools 🛛 🔻					
IP Scan			Basic		
Platinum Monitoring			Busic		
Ping	Traceroute To	8.8.8.8		Count	•
Torch	Packet Size	56		Max Hops	-
Traceroute					
🥎 Undo	Timeout	1000 ms		Src. Address	•
nedo nedo	Protocol	icmp 🗸		Interface	•
- Hide Passwords]				
	Port	33434		DSCP	•
	Use DNS			Routing Table	▼

Platinum Monitoring

If the client has a Platinum or PlatinumDN service, they will receive the Platinum Monitoring service, which will send email alerts when key networking equipment at a specified IP address goes offline. You can enable and disable notifications by clicking the **D** or **E** buttons on the left.

CIS Router Status	Route	RouterOS v6.47.7 (stable)								
😱 Wi-Fi Manager	Tiourc									
Interfaces		Platinum Monitoring								
255 IP 🕨										
🔯 System 🔹 🕨	254 ite	me								
🔀 Tools 🛛 🔻	234 100	1113								
IP Scan			▲ Host	Status	Since					
Platinum Monitoring	;;; CIS_	Route	r_Doe_Jane							
Ping	E	Х	♦ 10.100.1.1	unknown	Apr/14/2021 06:55:22					
Torch	E	X	₩ 10.100.1.2	unknown	Apr/14/2021 06:55:22					
Traceroute	Ε	X	₩ 10.100.1.3	unknown	Apr/14/2021 06:55:22					

Torch

Torch allows you to view packets flowing through an interface. You can obtain information such as the IP addresses, ports, and protocols in use. You can select the interface, and which information to collect. You can specify a source or destination address range or leave these fields blank for all addresses. You can specify by port or protocol as well.

IP ► System ► Tools ▼	Start Stop Clos	e								
IP Scan	Total Tx: 0 bps Total Rx:	0 bps Total Tx	Packet: 0 Total Rx Pa	acket: 0						
Platinum Monitoring Ping				Basic						Filters
Torch	Interface	ether-02		~	Src. Addr	ess	0.0.0/0			
Traceroute	Entry Timeout	00:00:03	s		Dst. Addr	ess	0.0.0/0			
Aedo				Collect	Src. Addre	ss6	::/0			
Hide Passwords		Src. Addres	ss Dst. /	Address	Dst. Addre	ss6	::/0			
		Src. Addres	ss6 Dst. /	Address6	MAC Proto	col	all		\sim	
		MAC Protoc	col Proto	col	Proto	col	any		~	
		Port		Id	P	ort	any		~	
		DSCP			VLAN	Id	any		~	
					DS	БСР	any		~	
	# Eti Pro	n. Ditocol Pro	Src.	Dst.	VLAN Id	DSCP	Tx Rate	Rx Rate	Tx Packet Rate	Rx Packet Rate

Troubleshooting

Symptom	Possible causes
The PoE access point, switch, or other powered device will not turn on.	 Try changing the PoE mode to "forced on" from the interfaces menu. Remember, never force PoE on a non-PoE device!
I cannot access my system using the VPN.	 Ensure the username, password, and secret were copied and pasted correctly and contain no extra characters or spaces. It is recommended you use a DNS name to connect instead of an IP address, as they are prone to change from time to time. Your ISP's provided gateway must be in bridge mode for VPN access to work. Consider a PlatinumDN service if this is not possible.
Port Forwarding does not work.	 Review the manual to ensure the configuration is set correctly or call CIS for support. The ISP's gateway must be in bridge mode or have extra configuration applied.
The client is not getting the speed they are paying the ISP for.	 If you are connected wirelessly, the speed will be affected by the distance from the access point, interference from neighboring networks, the number of devices connected to the access point, the environment surrounding the access point, the device used, and other factors. With current technologies, wireless access points are not able to perform at the speed of a Gigabit internet connection, especially in a crowded environment. Ensure the wired devices you are using support Gigabit ethernet and not 10/100 mbps.
I cannot access the router's web interface.	Ensure your device is set to receive an IP address via DHCP. If your router's IP address is different than the default, obtain the default gateway address and use that to connect. You can do this using ipconfig in a command prompt in Windows.
The router has no internet access.	 Check connections and reboot the router and ISP's gateway. If the ISP requires a static IP address or PPPoE connection, contact CIS for assistance.

Warranty Information

Custom Integration Solutions™ products have a 2-Year Limited Warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products that have been abused, modified, or disassembled. Products to be repaired under this warranty must be returned to Custom Integration Solutions™ or a designated service center with prior notification and an assigned return authorization (RA) number.

Contact Information

Web: www.custom-integration-solutions.com Phone: Technical Support - (888) 976-3651 Email: activations@custom-integration-solutions.com

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The CIS-5009-8POE is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EC.