# Wi-Fi 6 AX1800 Daul-Radio In-Wall AP

# **MI13**

User Guide v1.2

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FCC/IC Statement
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# About this Guide

# Purpose

This document provides information of web configuration of the MI13 Wi-Fi 6 AX1800 Dual-Radio In-Wall AP.

# Prerequisite Skills and Knowledge

To use this document effectively, you should have a working knowledge of Local Area Networking (LAN) concepts and wireless Internet access infrastructures. In addition, you should be familiar with the following:

- Hardware installers should have a working knowledge of basic electronics and mechanical assembly, and should understand related local building codes.
- Device administrators should have a solid understanding of device management, network operations and troubleshooting knowledge.

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# Conventions Used in this Document

The following typographic conventions and symbols are used throughout this document:

III	Very important information. Failure to observe this may result in damage.
I	Important information that should be observed.
i	Additional information that may be helpful but which is not required.
bold	Menu commands, buttons and input fields are displayed in bold
code	File names, directory names, form names, and system-generated output such as error messages are displayed in constant-width type
<value></value>	Placeholder for certain values, e.g. user inputs
[value]	Input field format, limitations, and/or restrictions.

# **Chapter 1 – Introduction**

Thank you for choosing the MI13 Wi-Fi 6 AX1800 Dual-Radio In-Wall MI13 In-Wall AP product.

The MI13 In-Wall AP product features 2.4GHz and 5GHz 2x2 dual-radio MIMO with four (4) Gigabit Ethernet ports, one of which delivers PoE to power and connect an 802.3af device to the network.

By utilizing AX1800 data rate, MI13 In-Wall AP product ensures superior performance for concurrent real-time applications such as multimedia streaming, online gaming and audio/video chats in indoor environment.

### Configuration

Access and configure the MI13 In-Wall AP by executing web browser and enter IP address. The default IP address is:

IP 192.168.19.1 subnet 255.255.255.0 on WAN port

Step 1	Configure your PC with Static IP address and connect to WAN ports on the MI13 In- Wall AP into your PC's RJ45 Ethernet port. Open the Web browser and type the default IP address 192.168.19.1.
Ī	1. Please refer to quick installation guide for hardware installation and physical Ethernet port connection on each model.
	2. You can set any static IP address from 192.168.19.2 to 192.168.19.250 for the PC to connect with MI13.
	PC to connect with MI13.

**Step 2** Enter the administrator login details to access the Web management.

The default administrator settings for web interfaces are:
Username: prism
Password: prism

Click Log In to proceed:

#### 📥 P R I S M

ign In	
Username	
Password	69
	Log In

# **Chapter 2 – Web Management Menu**

This chapter describes the web management menu of the MI13 MI13 In-Wall AP which works in Router mode and MI13 In-Wall AP (AP) mode.



The default configuration is AP mode.

The main menu consists of the following sub menus:

- Dashboard to show current status.
- **Settings** to configure the MI13 In-Wall AP.

### Web Management

The web management page is displayed after successfully logging into the system. From the menu all essential configuration pages are accessible.

📥 P R I S M	<<	Dashboard > Site			▲0 ۞ ြ>
O Dashboard		Site Wireless Clients DHC	P Clients		
券 Settings	~	Device Information		System Resources	
		Model: MI13 Uptime: 2D 0H 24M 47S	Firmware Version: 1.2.49 Hardware Version: 1.01		
		LAN IP address: 192.168.3.1 SSID1: 0012321321321321	Netmask: 255.255.255.0 SSID2:	CPU	Memory
		SSID3: 2.4G Channel: Auto	SSID4: 5G Channel: 112	0.25%	96.40 MB / 256 MB

The **web management** has the following structure:

#### Dashboard

Site – show the status related with the whole device.

Wireless Clients - show the status of wireless client (users) information.

**DHCP Clients** – show the status of DHCP clients information.

#### Settings

**Network** – specify the network parameters.

Wireless – define the settings of Wi-Fi radios.

Services – set management's interfaces.

System – configure basic information.

**Users** – manage the login credentials.

#### **Tools** - built-in tools that help to debug the connection.

!	Please click <b>Save</b> to make changes effective, or click <b>Discard</b> to drop changes on top menu.					
	1 8 Save ∨ Discard					

Reset device to defaults, Rebo configuration can be performed	ot device, Update firmware and back by clicking the tool button at top right.
DEVICE ACTIONS	FIRMWARE ACTIONS
Reset device to defaults	Update firmware
Reboot device	Upload a new firmware image to update the device firmware version.
:	Backup configuration
	Store the backup files in a safe location. When necessary, restore a backup.

# **Chapter 3 - Dashboard**

This chapter describes the dashboard page of the MI13 In-Wall AP.

📥 P R I S M 🗠	<<	Dashboard > Site			<b>≜</b> 0 ⊚ ⊡
Dashboard		Site Wireless Clients DHC	P Clients		
settings	~				
		Device Information		System Resources	
		Model: MI13	Firmware Version: 1.2.49		
		Uptime: 2D 0H 24M 47S	Hardware Version: 1.01		
		LAN IP address: 192.168.3.1 SSID1: 0012321321321321	Netmask: 255.255.255.0 SSID2:	CPU	Memory
		SSID3:	SSID4:		
		2.4G Channel: Auto	5G Channel: 112	0.25%	96.40 MB / 256 MB

# Dashboard > Site

The Site page shows important information of system and network status.

Dashboard > Site				<b>≜</b> 0 ⊕ ⊡
Site Wireless Clients DHCP Clients				
Device Information			System Resources	
Model: MI13	Firmware Version: 1.2.49		1	
Uptime: 2D 0H 39M 44S LAN IP address: 192.168.3.1 SSID1: 00123213213213213 SSID3: 2.4G Channel: Auto	Hardware Version: 1.01 Netmask: 255.255.255.0 SSID2: SSID4: 5G Channel: 112		CPU 1.00%	Memory 97.31 MB / 256 MB
Internet Information				
Ethernet     Active network		IPv4		
IP address: 10.6.1.76 Netmask: 255.255.0 Gateway: 10.6.1.244	DNS servers: 172.16.1.1 MAC address: 00:16:16:40:A1:51			

Device information – display the MI13 In-Wall AP's basic information.

System resources – display the system utilization.

Internet Information – show the IP information on WAN port.

# Dashboard > Wireless Clients

The Wireless Clients page shows the status of connected wireless clients information.

Dashboard > Wireless Clients						<b>1</b> ⊕ ⊖
Site Wireless Clients DHCP Clie	nts					
1 Wireless Clients						
MAC	Radio	SSID	Security	Uptime	Signal	
D6:DE:ED:4C:FD:E5	5G	0012321321321321	WPA2PSK	00d 00h 01m 39s	-49	

**Wireless Clients** – show the connected wireless clients information, including MAC, Radio, SSID, Security, Uptime, and Signal strength.

## Dashboard > DHCP Clients

The DHCP Clients page shows the status of connected DHCP clients information.

Site Wireless Clients	DHCP Clients				
DHCP List					
Index	Mac	IP	Host	Lease	
1	d6:de:ed:4c:fd:e5	192.168.3.103	*	2023/4/19 下午4:21:47	

**DHCP Clients** – show the assigned IP address DHCP clients information, including MAC, IP address, Host, and Lease time.

# **Chapter 4 - Settings**

This chapter describes all configurations at the settings page of the MI13 In-Wall AP.

Settings > Zones			Save 🗸	Discard	© G•
Zones					
Select network:   Internet  Local Network					
Internet configuration					
General		Management VLAN			
Network name		Disabled			
internet		Allow device access from this zone Use address:      IPv4 I IPv6			
WAN	~	IPv4 address	IPv4 netmask		
IPv4 mode		192.168.166.1	255.255.255.0		
DHCP client	~				
Custom MAC					
Custom DNS					
	Settings > Zones  Zones  Select information  Ceneral  Network name Internet  Network type VAN  Pu'd mode DIO'D client  Custem MAO Cu	Settings > Zones  Zones  Select subsort:  Internet configuration  Ceneral  Network type  WAN  PP4 mode  DHOP client  Custom MAC  Custom MAC  Custom MAC  Custom CMS	Settings > Zones	Settings > Zones	Settings > Zoes     Zoes     Setext where to local Network     Internet configuration     Ceneral     Network name     Internet on Figuration     Ceneral     Network name     Internet on Figuration     Ceneral     Network name     Internet on Figuration     Ceneral     Name(met VLN)     Internet on Figuration     Internet on Figuration    <

### Settings > Network > Zone

There are two default interface type in network zones, **Internet** for WAN and **Local Network** for LAN with Router mode.

It would be only one interface in network zones, says Internet with AP mode. (Default is AP mode)

**Internet** configuration in default is defined as DHCP client. If no IP assigned by external DHCP server to this interface, it will fall back to defined IP address.

Settings > Zones		Save 🗸 D	iscard ▲1 🐵 🕞
Zones			
Select network: 🙂 Internet 🤸 Local Network			
Internet configuration			
General	Management VLAN		
Network name	Disabled		
Internet	Allow device access from this zone		
Network type	Use address: 🕑 IPv4 📃 IPv6		
Router mode 🗸	IPv4 address	IPv4 netmask	
IPv4 mode	192.168.166.1	255.255.255.0	
DHCP client ~			
Custom MAC			
Custom DNS			

#### Network name - Internet

**Network type** – AP mode in default, can be set the device as Router mode, AP mode and Repeater mode.

**IPv4 mode** – can be selected as DHCP client, static or PPPoE. Once the interface is assinged to a new IP, the web login IP addreess on WAN is changed accordingly.

Custom DNS - a DNS server can be specified.

**Custom MAC** – the MAC address of physical Ethernet port can be changed to meet network setting. **Management VLAN** – disabled in default. Can be enabled to define VLAN IP addresses and ID.

**Local Network** configuration in default is defined as a IPv4 with DHCP server enabled. Only show when the Network type set as Router mode.

Select network:   Internet   Local Network		
Local Network configuration		
General		Management VI AN
General		Management vLAW
Network name		Disabled
Local Network		
Network type		
LAN	Ý	
Custom MAC		
IPv4		IPv6
Enabled		Disabled
IP address	Netmask	
192.168.2.1	255.255.255.0	
DHCP server		
IP range from	IP range to	
192.168.2.100	192.168.2.200	
DHCP lease time		

General - local netowork as network name and LAN as network type in default.

Custom MAC – the MAC address of physical Ethernet port can be changed to meet network setting.

IPv4 – default is enabled with defined IP 192.168.2.1 and netmask 255.255.255.0.

DHCP server – default is enabled. IP range and lease time can be user-defined.

**IPv6** – disabled in default.

### Settings > Network > Repeater Mode

Only work when the Network type set as Repeater mode

📥 PRISM 🔍	Settings > Network > Repeater Mode			2	Save 🗸 Disc	ard 🔔 0 🛞
Oashboard	Zones Repeater Mode					
🌫 Settings 🛛 🗸						_
< Network	Repeater Mode				Search	Manual Config
ᅙ Wireless	SSID	BSSID	Channel	Security	Signal	Status
▼ Security	MI12-A3EA	02:16:16:2c:a3:ea	36	WPA2PSK/AES	100	Connect
Services	TT071	06:16:16:2c:a3:ea	36	WPA2PSK/AES	100	Connect
🐻 System	000UNtest000	ea:63:da:72:11:05	44	OPEN/NONE	100	Connect
🔔 Users		test	44	ee:63:da:72:11:05	100	Connect
※ Tools		f6:63:da:72:11:05	44	WPA2PSK/AES	100	Connect
	>_<	f2:63:da:72:11:05	44	OPEN/NONE	100	Connect
		fa:63:da:72:11:05	44	WPA2PSK/AES	100	Connect

Search – To site survey the available Wi-Fi networks in the environment.

Manual Config – To input the SSID, Band and Security manually for the desired Wi-Fi network.

## Settings > Wireless

All wireless settings can be configured from here.

Settings > Wireless	Save 🗸 Discard よ 🎯 🗗
Networks Radios ACL	
Select network: AP (MI13-A152-2G) AP (MI13-A152-5G) AP (SSID3) AP (SSID4)	
AP (MI13-A152-2G) configuration Remove	
General	Security
Mode	Mode
Access point 🗸	WPA2 personal 🗸
SSID1	Passphrase
MI13-A152-2G	
Hide SSID	
SSID is shown	
Data VLAN	
Enable on radio	
5 GHz Radio	
2.4 GHz Radio	
Guest isolate	

**Select Network** page is to show configured SSID and security mode. There are two pre-defined SSIDs and two user-defined SSIDs.

Networks Radios ACL	
Select network: AP (MI13-A152-2G) AP (MI13-A152-5G) AP (SSID3) AP (SSID4)	
AP (MI13-A152-2G) configuration Remove	
General	Security
Mode	Mode
Access point 🗸	WPA2 personal 🗸
SSID1	Passphrase
MI13-A152-2G	
Hide SSID	
SSID is shown	
Data VLAN	
Enable on radio	
5 GHz Radio	
2.4 GHz Radio	
Guest isolate	

**General** – show the AP's SSID name. Can be selected to hide SSID, set DATA VLAN, and assigned to radio.

Security – WAP2 in default. Choose the other secure mode to protect wireless connections.

#### Guest Isolate – default is disabled

Guest isolate will only allow the traffic towards whitelisted destination MAC addresses. This is to isolate guest clients in accessing other devices except for the network gateway. This will efficiently block any undesirable connection attempt within the network.
---

#### Radio configuration page shows you the radio parameters for each radio.

Networks Radios ACL	
Wireless configuration	
5 GHz Radio	2.4 GHz Radio
Enabled	Enabled
IEEE mode	IEEE mode
Auto ~	Auto Channel width
80 MHz 🗸 auto 🗸	40 MHz 🗸 auto 🗸
Tx power (100%)	Tx power (100%)
RSSI Threshold (dBm)	RSSI Threshold (dBm)
0	
Ignore DFS CAC	Airume tairness
Airtime fairness	

5 GHz Radio – Wi-Fi 5GHz 2x2 radio

2.4 GHz Radio - Wi-Fi 2.4GHz 2x2 radio

Enable – default is enabled

IEEE mode – Auto in default. 4 modes can be chosen: Auto, 802.11ac, 802.11ax or 802.11n.

**Channel width** – 4 channel width parameters can be chosen from drop-down menu: 20MHz, 40MHz and 80MHz, depending on radio's capability.

Channel – Auto in default. Channel can be selected from drop-down menu.

Tx power (100%) – 100% in default, from minimal 10% to maximum 100%.

RSSI Threshold (dBm) - 0 in default, from minimal -99 to maximum 0 dBm.



F

If the connected wireless client signal strength is less than the RSSI threshold setting, AP would disassociate the client automatically. 0 means disable.

#### DFS – default is disabled

In many countries, regulatory requirements may limit the number of 5 GHz channels available or place additional restrictions on their use because the spectrum is shared with other technologies and services. For instance, some of the Unlicensed National Information Infrastructure (U-NII) bands are used by radar systems. Wi-Fi networks operating in those bands are required to employ a radar detection and avoidance capability. Ħ

#### Ignore DFS CAC - default is disabled

i	Channel Availability Check (CAC) is used to detect radar signals. The radio scans a target dynamic frequency selection (DFS) channel for radar signals for 60 seconds. After the 60-second scan, if no radar signals are detected, the radio can transmit on the target DFS channel. During the 60-second scan, if radar signals are detected on a target DFS channel, the radio must move to another DFS channel and restart the 60-second CAC.
---	--

Airtime fairness – default is enabled

Airtime Fairness ensures that every client has equal access to air time, regardless of client capability (for example, operating system, 802.11 mode, low RSSI). The regulated wireless spectrum, where all wireless communication takes place, is shared amongst all clients on the wireless MI13 In-Wall AP as well as neighboring APs on the same channel.

ACL configuration page displays the deny and allow list.

Networks Radios ACL		
ACL configuration		
Disabled		

ACL configuration - disabled in default. You can add MAC address in the deny or allow list.

### Settings > Security

The feature of security allows network administrator to set up filter rules for the MI13 In-Wall AP to limit ports, URLs, and MAC addresses for specific IP ranges or periods of time.

📥 prism 🔍	Settings > Security > P	orts Filter			- I	Save 🗸	Discard	<b>≜</b> 0 © ⊡•
C Dashboard	Ports Filter URL Filter	MAC Filter Times Group IP Grou	μþ					
중 Settings ∧								
< Network	Ports Filter +							
ল Wireless	Remark	Port		IP Group	Times Group	Enable	Edit D	Delete
▼ Security								
© Services								
🗐 System								
4. Users								
🞘 Tools								

#### Settings > Services

The features of services allow network administrator to set up the MI13 In-Wall AP with more network parameters.

Settings > Services > QoS	Save ∨ Discard ▲0 ③ ⊡→
QoS Port mapping DMZ DDNS Web Access VPN Client PrismX Agent	
QoS configuration	
Enabled	

# Settings > Security > Time Group

You can set the time schedule to apply the filter rule here.

Times Group							×
Group Name							
Weeks	ALL 🗆	Sun 🗆 Ma	on 🗆 Tu	ur 🗆 Wen (	□Thr □	Fri 🗆 Sat	
Start Time	00	~	Hour	00	~	Minute	
End Time	00	~	Hour	00	~	Minute	
				Apply		Cancel	

# Settings > Security > IP Group

You can set the IP ranges to apply the filter rule here.

IP Group		×
Group Name		
Start IP		
End IP		
r.		
	Apply	Cancel

# Settings > Security > Ports Filter

The ports filter allows you to set rules that determine which network ports are blocked for outgoing traffic for specific IPs during specific periods of time.

Ports Filter		×
Remark		
Destination Ports		
IP Group	IP group 1	~
Times Group	Night time	~
Enable		
r		
	Apply Cancel	
To set	ports filter, it needs to set IP group and	Times group First.

# Settings > Security > URL Filter

The URL filter allows you to set rules that determine which URLs are blocked from access for specific IPs during specific periods of time.

URL Filter				×	
Remark					
Domain					
IP Group	IP group 1		~		
Times Group	Night time		~		
Enable					
r					
		Apply	Cancel		
To se	et ports filter, it ne	eeds to set IP g	roup and Times	s group First.	

# Settings > Security > MAC Filter

The MAC filter allows you to set rules that determine which MAC addresses are blocked from access during specific periods of time

MAC Filter		×
Remark		
Mac Address	Format:00:11:22:33:44:55	
Times Group	Night time	~
Enable		
r		Ormal
	Арріу	Cancel
To se	t ports filter, it needs to set Tir	nes group First.

## Settings > Services > QoS

Quality of Service (QoS) allows you prioritize the bandwidth for specific connected users.

Settings > Services > QoS		Save 🗸	Discard	₽
QoS Port maping DMZ DDNS Web Access VPN Client				
QoS configuration				
Enabled				
Total upload bandwidth	Total download bandwidth			
IP address Max t	x upload bandwidth	Max download bandwidth		
			~	1

**QoS** – default is disabled. When enabled, specify the total bandwidth of both uplink and downlink of the MI13 In-Wall AP, and define user's IP with assigned maximum bandwidth of both uplink and downlink.

dwidth is also called data rate or throughput, in KB.

# Settings > Services > Port maping

Port maping or port forward is to redirect a request from one address and port number combination to another while the packets are traversing a MI13 router mode.

${\small Settings} \ > \ {\small Services} \ > \ {\small Port maping}$			Save 🗸	Discard	© D
QoS Port maping DMZ DDNS Web A	ccess VPN Client				
Port maping configuration					
Enabled					
External port	Internal port	Destination IP	TCP		<b>~</b> ~

F

**Port mapping configuration** – default is disabled. When enabled, specify the external port and mapped internal port, destination IP and protocol.

This function is most commonly used to make services on a host residing on a protected or masqueraded (internal) network available to hosts on the opposite side of the router (external network), by remapping the destination IP address and port number of the communication to an internal host.

### Settings > Services > DMZ

Demilitarized Zone (DMZ) configuration allows you to segment a portion of your network to receive all inbound TCP/UDP ports. It opens up all the ports for one IP address on the LAN. DMZ can be used as an alternative for port forwarding all ports.

Settings > Services > DMZ	Save	Discard	© D
QoS Port maping DMZ DDNS Web Access VPN Client			
DMZ configuration			
P address			

**DMZ configuration** – default is disabled. When enabled, specify the internal IP address.

i

DMZ can be used as an alternative for port forwarding all ports.

## Settings > Services > DDNS

The Dynamic Domain Name System (DDNS) is an advanced function that assigns your MI13 a fixed domain name even though you are using a dynamic Internet IP Address. DDNS keeps DNS records automatically up to date when MI13's WAN IP address changes.

Settings > Services > DDNS	Save 🗸	Discard	@ ₿
QoS Port maping DMZ DDNS Web Access VPN Client			
DDNS configuration			
Enabled			
Provider			
DynDNS			~
Domain name			
User name			
Password			

**DDNS configuration** – default is disabled. When enabled, specify DDNS provider, Domain name and User name and password.



Before configuring DDNS, you will need to register an effective account from DDNS providers (DynDNS or TZO).

### Settings > Services > Web Access

It allows to define IP and port of web access on WAN.

	ы L,
	~

**Web Access configuration** – default is disabled. When enabled, specify IP and port for accessing web management page remotely.

# Settings > Services > VPN Client

Virtual Private Network (VPN) client is used to establish a secure connection between the MI13 In-Wall AP and a VPN server.

Settings > services > VPN Client	Save 🗸 Discard 🛞 🗗
QoS Port maping DMZ DDNS Web Access VPH Client	
VPN Information	
Type:	
Status	
Uonnet Ime: IP address: DNS servers 1:	
Netmask: DNS servers 2:	
Gateway.	
VPN Client	
Туре	
Disabled	~

**VPN Client** – default is disabled. Two VPN client types can be selected from drop-down menu: PPTP and L2TP. Specify VPN server's IP and login credentials.



After establishing connection to VPN server, you can see the VPN connection information including IP, gateway and DNS.

### Settings > Services > PrismX Agent

It shows the PrismX agent and server information.

QoS	Port mapping	DMZ	DDNS	Web Access	VPN Client	PrismX Agent
Prism)	K Agent					
	Enabled					
Server						
192.1	68.19.244					
Port 1883						
Keepali	ve					
30						
Protoco	bl					
TCP						
Serial N	lumber					
00:10	0.10.40.A1.51					
group grp8F	-/+					

**PrismX Agent** – specify PrismX Controller's IP address, and related network parameters, including port protocol, serial number and group.

PrismX is a central management system for managing Wi-Fi network. PrismX Controller can be deployed on an on-site PC, Mac, or Linux machine; in a private cloud; or using a public cloud service. Network administrator can manage Wi-Fi network from PrismX Controller's dashboard with real-time analytics including signal quality, client count, wireless latency, channel utilization, network throughput as well as individual wireless clients.

### Settings > System

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The system related settings can be configured at this page.



### Settings > System > Time configuration

You can define MI13's system time at the page.

Settings > System	Save 🗸	Discard	© D)
Time configuration Device Infomation System Log LLDP			
Time configuration			
Current time 2022-10-24 13:30:1			
Time type			
Use PC's time			~

**Time configuration** – default is "Use PC's time". You can also select "Auto sync NTP time" from drop-down menu.

### Settings > System > Device information

You can define MI13's device information at the page.

Settings > System	Save 🗸 Discard	<b>≜</b> 0 © ⊡
Time configuration Device Information System Log LLDP		
Device Information		
Country/Region		
Taiwan		~
Hostname		
Internet		
LED CONTROL		
ON		~
latencyping		
www.google.com		

**Device information** – country/region, hostname, LED control, and latencyping can be set up here.

## Settings > System > System log

System log is displayed at this page.

Settings > System	Clear 🗸	Refresh	0 B
Time configuration Device Infomation System Log LLDP			
System Log			
Logs			
Men Oct 24 12-34-29 2022 user, en glumaga. MettolfiPaho.cz47(MelPaho.CabOconneetFailure)[Ef reason: TCP connect timeout Mon Oct 24 12-38-24 29022 user, en glumaga. MettolFaho.cz47(MelPaho.CabOconneetFailure)[Ef connect timeout Mon Oct 24 12-38-24 29022 user, en glumaga. MettolFaho.cz47(MelPaho.CabOconneetFailure)[Ef connect timeout Mon Oct 24 12-38-27 2022 user, en glumaga. MettolFaho.cz47(MelPaho.CabOconneetFailure)[Ef connect timeout Mon Oct 24 12-38-27 2022 user, en glumaga. MettolFaho.cz47(MelPaho.CabOconneetFailure)[Ef connect timeout Mon Oct 24 12-38-27 2022 user, en glumaga. MettolFaho.cz47(MelPaho.CabOconneetFailure)[Ef connect timeout Mon Oct 24 12-38-27 2022 user, en glumaga. MettolFaho.cz47(MelPaho.CabOconneetFailure)[Ef connect timeout Mon Oct 24 12-38-37 2022 user, en glumaga. MettolFaho.cz47(MelPaho.CabOconneetFailure)[Ef connect timeout Mon Oct 24 12-38-37 2022 user, en glumaga. MettolFaho.cz47(MelPaho.CabOconneetFailure)[Ef connect timeout Mon Oct 24 12-38-37 2022 user, en glumaga. MettolFaho.cz47(MelPaho/CabOconneetFailure)[Ef connect timeout Mon Oct 24 12-37-31 2022 user, en glumaga. MettolFaho.cz47(MelPaho/CabOconneetFailure)[Ef connect timeout Mon Oct 24 12-37-31 2022 user, en glumaga. MettolFaho.cz47(MelPaho/CabOconneetFailure)[Ef connect timeout Mon Oct 24 12-37-31 2022 user, en glumaga. MettolFaho.cz47(MelPaho/CabOconneetFailure)[Ef connect timeout Mon Oct 24 12-37-31 2022 user, en glumaga. MettolFaho.cz47(MelPaho/CabOconneetFailure)[Ef connect timeout Mon Oct 24 12-37-31 2022 user, glumaga. MettolFaho.cz47(MelPaho/CabOconneetFailure)[Ef connect timeout Mon Oct 24 12-37-31 2022 user, glumaga. MettolFaho.cz47(MelPaho.CabOconneetFailure)[Ef connect timeout Mon Oct 24 12-37-38 2022 user, glumaga. MettolFaho.cz47(MelPaho.CabOconneetFailure)[Ef connect timeout Mon Oct 24 12-38-38 2022 user, glumaga. MettolFaho.cz47(MelPaho.CabOconneetFailure)[Ef connect MCIT server failed, rc -1 Mon Oct 24 12-38-38 2022 user, glumaga. MettolFaho.cz47(MelPaho.CabOconneetFailure)[Ef connect timeout Mon Oct 24 12			5

## Settings > System > LLDP

Link Layer Discovery Protocol LLDP) is used by MI13 In-Wall AP for advertising their identity, capabilities, and neighbors on a local area network based on IEEE 802 technology.

Settings > System	Save	~	Discard	© D•
Time configuration Device Infomation System Log LLDP				
Device Infomation				
Enabled				

**LLDP** – default is disabled.

# Settings > Users

Users configuration displays the username and password of web management page.

Settings > Users		Save	~	Discard	© D
Users configuration					
User name	Set new password				
> prism					69

User name - default is "prism".

Set new password – default is "prism".

# Settings > Tools

Built-in some tools that help to debug the connection.

Settings > Tools > Auto reboot	Save 🗸	Discard	<b>≜</b> 0 ⊚ ⊡
Auto reboot Ping Traceroute			
Auto reboot			
Auto reboot			
Disabled			~

## Settings > Tools > Auto Reboot

This function allows you to define the periodical time to reboot MI13 In-Wall AP.

Auto reboot	Ping	Traceroute	
Auto reboot			
Auto reboot			
Disabled			~

## Settings > Tools > Ping

The Ping function can verify wehther a domain/server is operating and network accessible.

Settings > Tools > Ping	Ping	~ [	Discard	0 D
Auto reboot Ping Ttraceroute PrismX Agent				
Ping				
Address				
8.8.8				
Num				
3				
Logs				
PING 8.8.8.8 (8.8.8): 56 data bytes 64 bytes from 8.8.8.8 seq=1 tH=56 time=5.556 ms 64 bytes from 8.8.8.8 seq=1 tH=56 time=3.474 ms 64 bytes from 8.8.8 seq=2 tH=56 time=3.474 ms				

### Settings > Tools > Traceroute

The Traceroute is a utility that uses ICMP packets to record the route through the internet.

Settings > Tools > Trraceroute	Ttracero 🗸	Discard	© D
Autoreboot Ping Ttraceroute PrismX Agent			
Traceroute			
Address 88.8.8			
Logs			
traceroute to 8.8.8.8 (8.8.8.8), 30 hops max, 38 byte packets 1 *** 2 172.16.1.1 (172.16.1.1) 0.647 ms 0.656 ms 0.511 ms 3 60:250-201/254.hinet.tpf (160/250201.264) 10.176 ms 5.106 ms 9.954 ms 4 sczs4311 hinet.tpf (168.952.81.22) 2.759 ms 1.777 ms 8.006 ms 5 tyfo-3031 hinet.tpf (202.128.8.106) 4.146 ms tyfo-3031 hinet.tpf (20.128.8.166) 3.970 ms tyfo-3031 hinet.tpf (220.128.8.106) 4.060 ms 6 tyfo-3031 hinet.tpf (202.128.106) 4.146 ms tyfo-3031 hinet.tpf (220.128.8.166) 3.970 ms tyfo-3031 hinet.tpf (220.128.8.21) 4.925 ms 7 72.14.209.178 (72.14.209.178) 4.503 ms 142.250.169.120 (162.250.169.120) 5.174 ms 3.790 ms 8 ** 108.1702.443 30 (187.104.433) 7.701 ms 9 142.251.226.171 (142.251.226.171) 6.828 ms 6.639 ms 142.251.226.169 (142.251.226.169) 6.303 ms 10 dns.google (8.8.8.8) 6.421 ms 6.546 ms			Ŧ

**Traceroute** – specify the address or domain name of a server and click Traceroute button on top-right to perform traceroute function. The traceroute result will be displayed in logs.

# Appendix

### FCC/IC Statement

# Federal Communication Commission Interference Statement

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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

#### IMPORTANT NOTE: Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Country Code selection feature to be disabled for products marketed to the US/CANADA

## Industry Canada statement:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference

(2) This device must accept any interference, including interference that may cause undesired operation of the device

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) L'appareil ne doit pas produire de brouillage;

(2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

#### Caution:

the device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

#### Avertissement:

les dispositifs fonctionnant dans la bande de 5150 à 5250MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

#### **Radiation Exposure Statement:**

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

#### Déclaration d'exposition aux radiations:

Cet équipement est conforme Canada limites d'exposition aux radiations dans un environnement non contrôlé. Cet équipement doit être installé et utilisé à distance minimum de 20 cm entre le radiateur et votre corps.