

**Contents** [ [hide](#) ]

- [1 WEINTEK M02 WiFi Expansion Module](#)
- [2 Chapter 1 Overview](#)
- [3 Chapter 2 WiFi Settings](#)
- [4 Documents / Resources](#)
  - [4.1 References](#)

# WEINTEK

## WEINTEK M02 WiFi Expansion Module



## Chapter 1 Overview

### Specification



## Feature

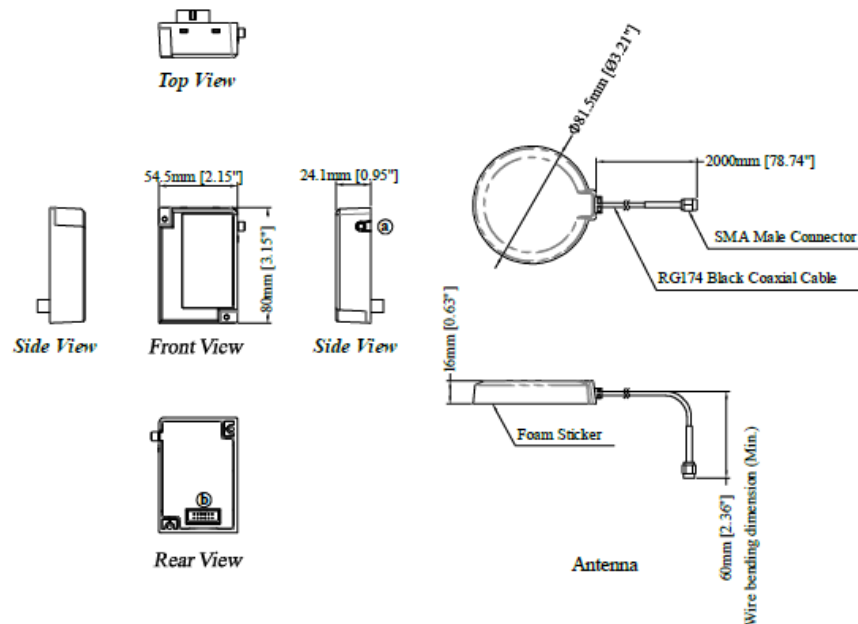
- Modular design, adds wireless connectivity to HMI.
- WiFi standards supported include: IEEE 802.11b/g/n.
- Compact design and little protrusion when installed on HMI, which avoid space issue in control cabinet installation.
- The magnetic mount antenna included in the package can be installed at an optimal location to maximize signal strength.



<b>Network</b>	WiFi	IEEE 802.11 b/g/n 802.11b: max 19.76 dBm 802.11g: max 19.93 dBm 802.11n: max 19.99 dBm
<b>I/O Port</b>	SMA Female Connector	1
	Male Connector to HMI	1
	Input Power	5VDC
	Power Consumption	900mA@5VDC (powered by HMI)

<b>Power</b>	Voltage Resistance	500VAC (1min.)
	Isolation Resistance	Exceed 50MW at 500VDC
<b>Specification</b>	PCB Coating	N/A
	Enclosure	Plastic
	Dimensions WxHxD	54.5 x 80 x 24.1 mm
	Weight	Approx. 80 g
	Mount	HMI connector + diagonal screw fastening
<b>Environment</b>	Protection Structure	M02: IP20 Compliant Antenna: IP66 Compliant
	Storage Temperature	-20° ~ 60°C (-4° ~ 140°F)
	Operating Temperature	0° ~ 55°C (32° ~ 131°F)
	Relative Humidity	10% ~ 90% (non-condensing)
	Altitude (Air Pressure)	Below 3,000 meters (70.1kPa)
	Vibration Endurance	10 to 25Hz (X, Y, Z direction 2G 30 minutes)
<b>Certificate</b>	CE	CE marked
	UL	cULus Listed
<b>Software</b>	EasyBuilder Pro	V6.05.02 or later versions

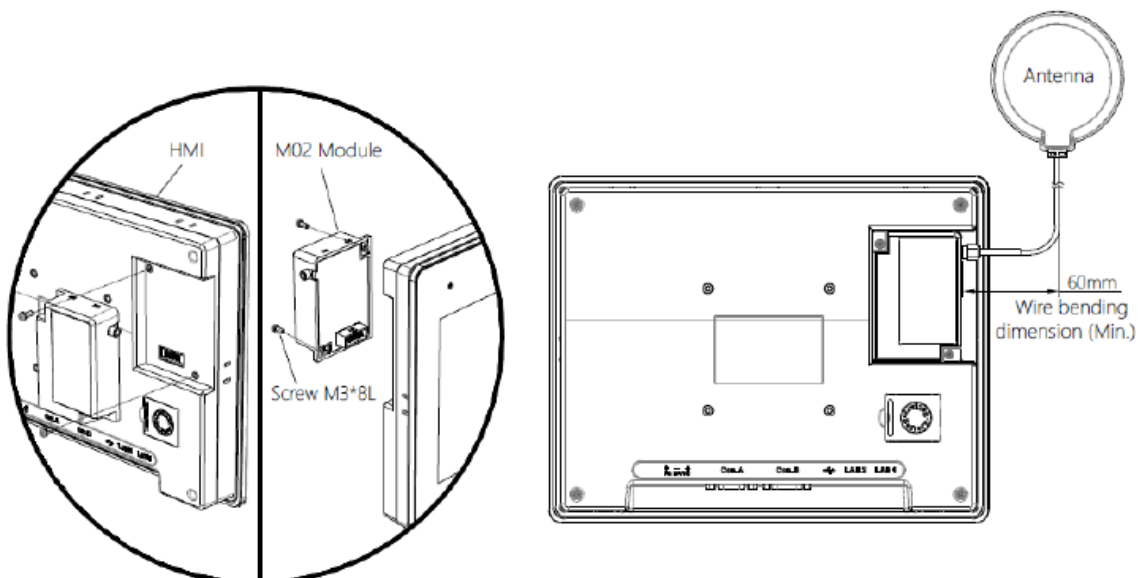
## Dimensions



<b>a</b>	SMA Female Connector
<b>b</b>	Male Connector to HMI

## Installation

M02 does not support hot swapping by design. Please connect it to HMI before powering up HMI.

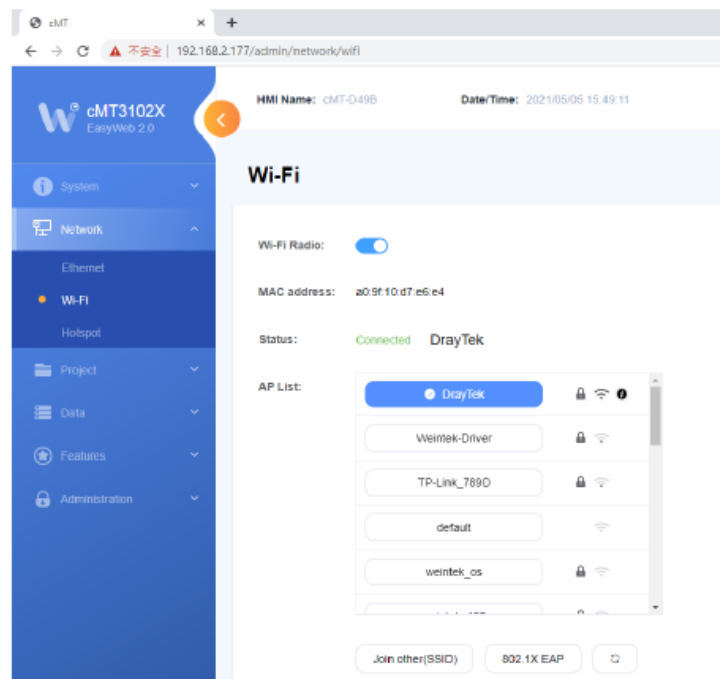


## Chapter 2 WiFi Settings

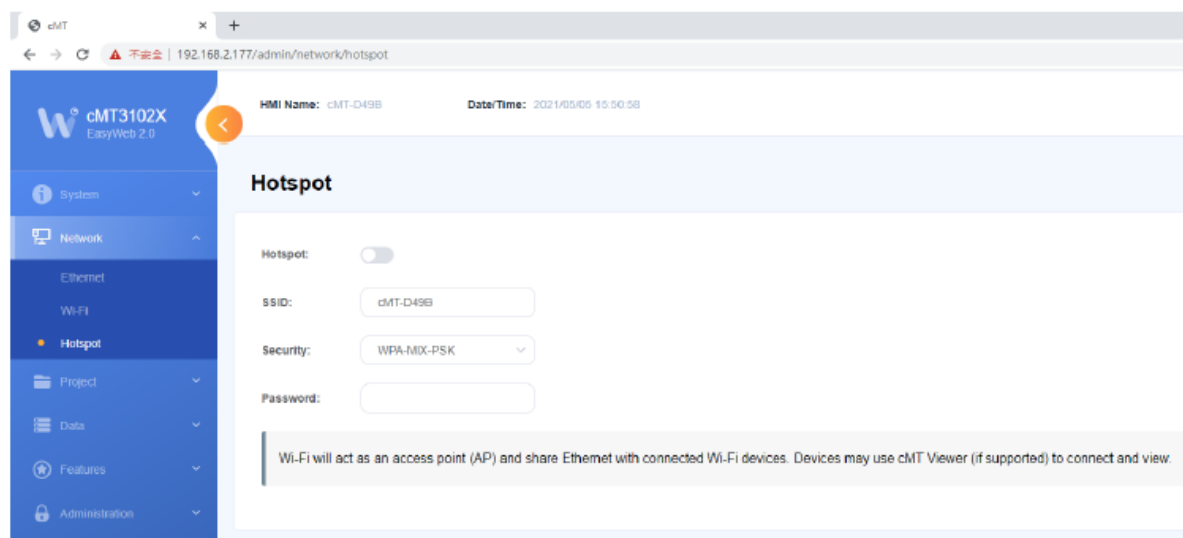
Connect M02 to HMI and then start up HMI. Log in system settings in one of the following two ways and configure WiFi parameters.

## Set in internet browser

Connect HMI with PC using an Ethernet cable, open internet browser (IE, Chrome, or Firefox), and enter HMI's IP address (e.g.: 192.168.2.177) to configure HMI settings. Network » WiFi: Select WiFi AP and define the encryption type.

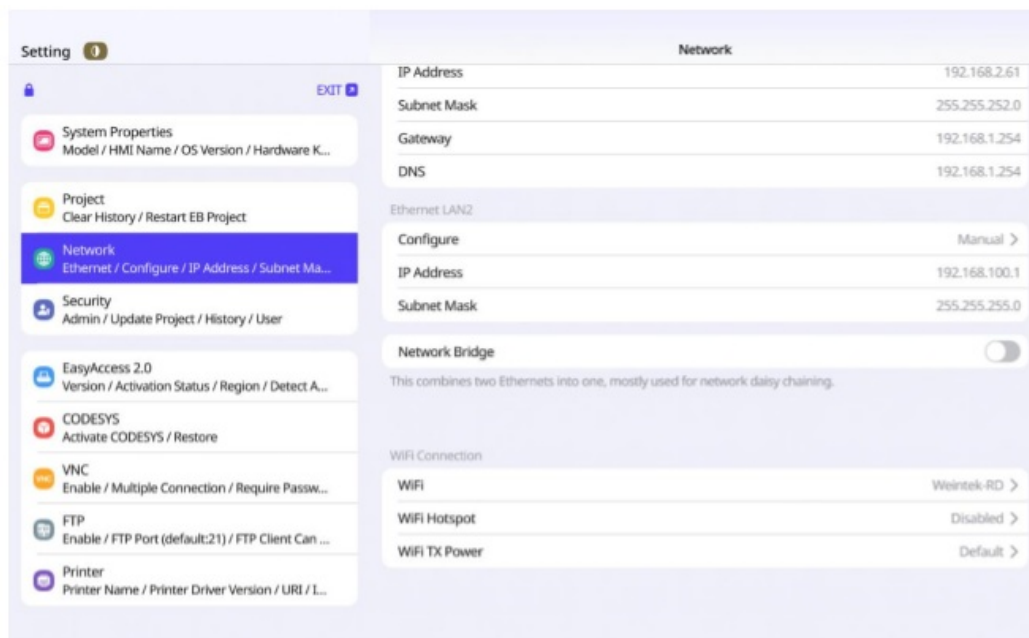


Network » Hotspot: Make the HMI a wireless hotspot to share internet connection if needed.

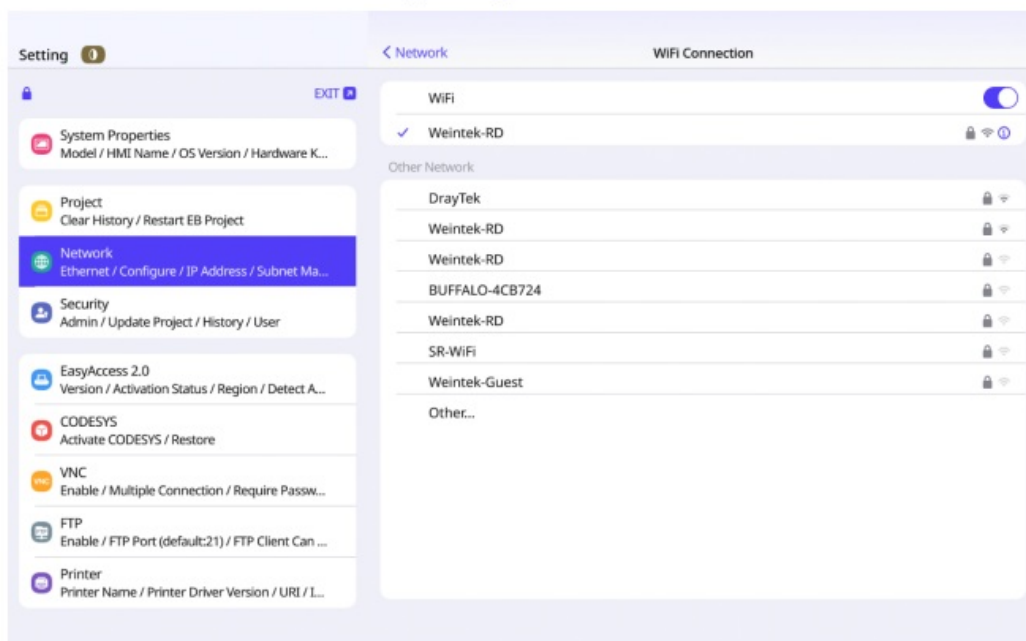


## Set on HMI

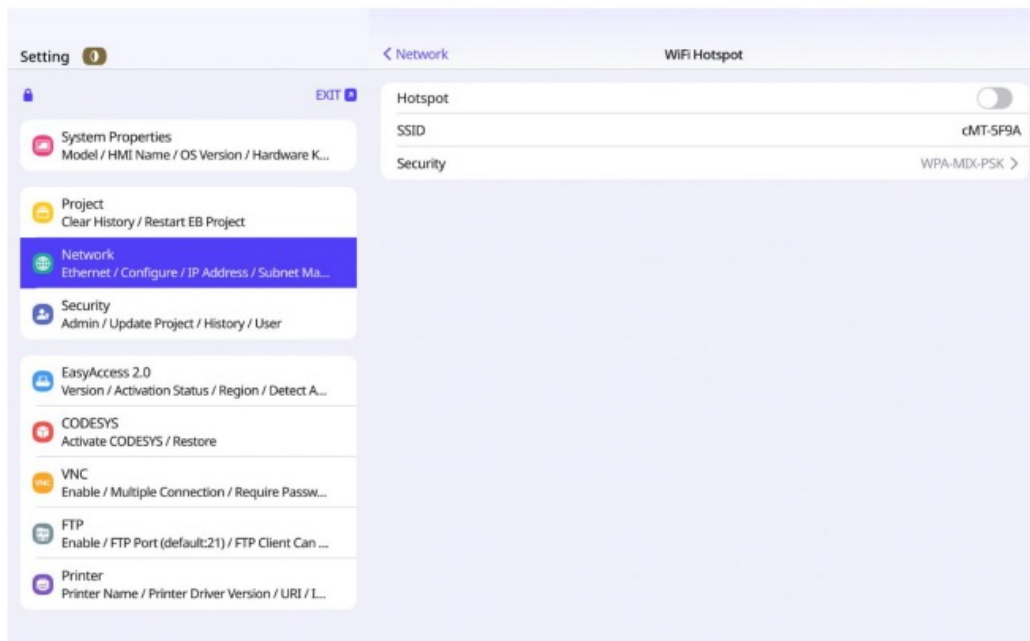
Tap the button on HMI to access the relevant settings for the HMI. At the bottom of the Network page, WiFi Connection settings can be found.



WiFi: Select WiFi AP and define the encryption type.



WiFi Hotspot: Make the HMI a wireless hotspot to share internet connection if needed.



WiFi TX Power: After successfully logging in with the correct password, the default power or enhanced power can be configured here.

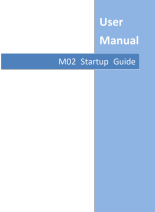
## Note

- The IP address for WiFi and the IP address for LAN1/LAN2 can belong to the same domain or different domains.
- A WiFi hotspot's connection can be shared with up to 10 client devices at a time.

Other company names, product names, or trademarks in this document are the trademarks or registered trademarks of their respective companies.

This document is subject to change without prior notice.

## Documents / Resources

	<a href="#">WEINTEK M02 WiFi Expansion Module [pdf]</a> User Manual M02, M02 WiFi Expansion Module, M02, WiFi Expansion Module, Expansion Module, Module
---	---

## References

- [User Manual](#)

## Leave a comment

Your email address will not be published. Required fields are marked \*

Comment \*

Name

Email

Website

☐ Save my name, email, and website in this browser for the next time I comment.

**Post Comment**

**Search:**

**Search**

[Manuals+](#) | [Upload](#) | [Deep Search](#) | [Privacy Policy](#) | [@manuals.plus](#) | [YouTube](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.