WiNET
User Manual
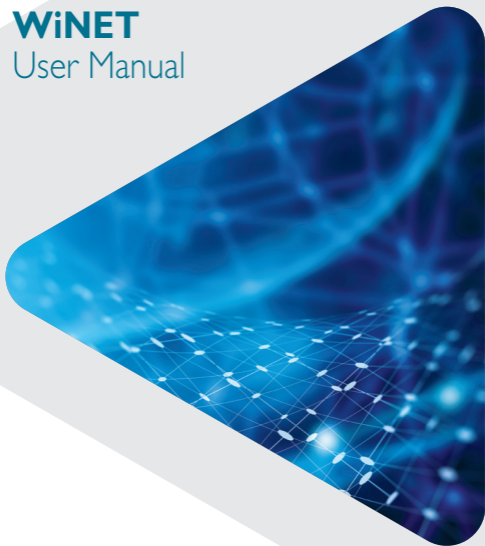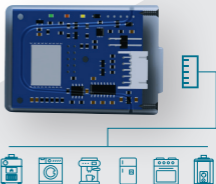
Net Software

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▶ Installation

Connect the wiring to the electronic board or to the serial port of the product.

The Wi-Fi device is powered directly from the electronic board or from the product to which it is connected.

! **ATTENTION:** ONLY CONNECT THE ELECTRONIC BOARD TO THE PRODUCT WHEN IT IS TURNED OFF *(disconnected from the electric line)*.

! **ATTENTION:** THE DEVICE IS ONLY COMPATIBLE WITH A 2.4 GHz Wi-Fi NETWORK.

▶ Connection to Wi-Fi device

When first connecting the Wi-Fi device to the computer, smartphone or tablet, the network generated by the Wi-Fi device will appear as "WINET-XXXXXXXX".

▶ Manual Connection

From an Android device

Access the menu:

Settings ▶ Connections ▶ Wi-Fi

From an iOS device

Access the menu:

Settings ▶ Wi-Fi

Turn on the smartphone's Wi-Fi connection if it is disabled.

All detected Wi-Fi networks are listed in the sub-menu. Scroll until you find "WINET-XXXXXX", click on it to connect. Enter the key shown on the label of the Wi-Fi device when asked for the Wi-Fi key.
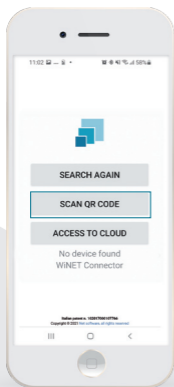
The Wi-Fi network key is identified by the "WPA" item.

! **ATTENTION:** THE KEY IS CASE SENSITIVE.

▶ QR CODE connection
using the **WiNET Connector App**

Open the App and from the main screen click on the "SCAN QR CODE" button. Once the camera has been activated, frame the QR Code shown on the label of the Wi-Fi device.

The App will automatically connect the phone to the Wi-Fi device.

Upon having successfully connected the phone to the Wi-Fi device, the App will open the main menu for product management.

The connection between the device and the smartphone/ tablet takes about 15-20 seconds.

MAC:
Wi-Fi WPA:
Reg Code:
Fr. range: 2412÷2484 MHz
SN:
Net Software srls
Padova (IT)
MODEL: WiNET

! ATTENTION: THE QR CODE SCANNING FUNCTION MAY NOT WORK IN SOME SMARTPHONES DUE TO THE PHONE'S OPERATING SYSTEM. IN THIS CASE, CONNECT MANUALLY.

▶ Configuring the Internet connection

After completing the previous point and having successfully connected the smartphone/ tablet/ computer to the Wi-Fi device, open the WiNET Connector App or browser (Google Chrome/ Firefox, Internet Explorer, etc.) using the following address: http://192.168.10.1

On the page that appears, click on the image at the top right 📶 or Push the menu button ☰ ▶ Configuration ▶ Wi-Fi networks
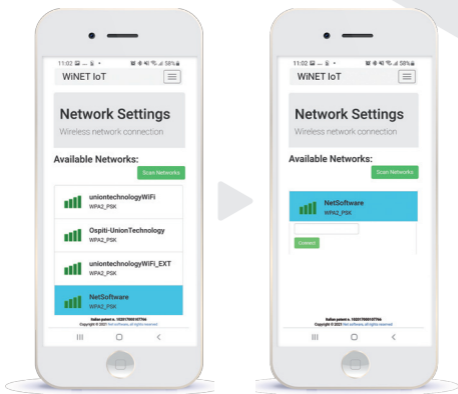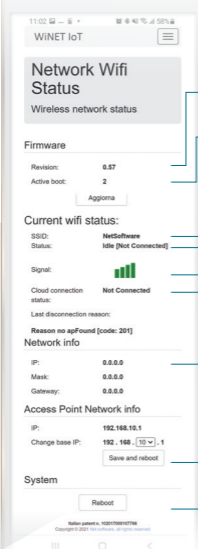

Click on the network you want to use to connect the device to the internet and enter the key of the chosen network. Lastly, press the button "Connect".

NB: THE LIGHT BLUE BACKGROUND IDENTIFIES THE NETWORK THE Wi-Fi DEVICE IS CONFIGURED WITH.

▶ Connection status of the Wi-Fi device

When connected to the Wi-Fi device, click on one of the two icons at the top right on the main page that the WiNET Connector App shows 📶 📶
(the appearance of the icon depends on the device's connection status to the router)
or by clicking on the menu button ☰ ▶ "Status"

The status page of the Wi-Fi device looks like this:

Firmware version installed on the Wi-Fi device.

Active partition of the firmware running on the Wi-Fi device.

Wi-Fi network the device is connected to.

Connection status of the device to the router.

Signal strength received from the router to which the device is connected.

Description of the last disconnection error from the router *(if it does not indicate a malfunctioning of the ???, the "status" icon will indicate "connected")*.

Network parameters used by the module obtained from the router (DHCP) or set manually (static IP).

Start the online firmware update.
The installed version is not checked, but the firmware downloads and restarts in the other partition.

Restart the Wi-Fi device.

▶ LED indicators

The Wi-Fi device is equipped with RX 3
LEDs that indicate its operation:

LINK
TX
RX

LINK (Green Led) indicates the operating status of the WiNET device. When
started, the LED switches on and remains on until the connection to the cloud is
successful. Once connected, the LED turns off and remains off for as long as the
connection is active. The LED off status indicates that the device can be managed
remotely and paired with your WiNET account.
While downloading a firmware update for the WiNET device, the led will flash with
500 ms intervals. In this phase the TX and RX LEDs are temporarily blocked to give
priority to downloading the new firmware.

TX (Red Led) indicates data transmission (data reading request command or data
modification) towards the target board to which the WiNET device is connected.

RX (Yellow Led) indicates when a data transmission, coming from the target
board to which the WiNET device is connected, is received by the WiNET device.

▶ Setting up a cloud account

If you have not created a cloud account before,
you can do so by connecting to the web
application at https://cloudwinet.it clicking on
"Register your account now".

Enter all the data in the spaces on the new
account registration page and flag the box to
consent the processing of personal data.
Then click on "Register".
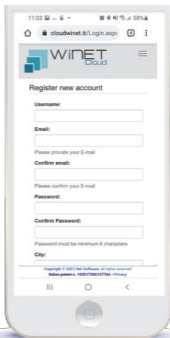
If there are no errors in the entered data, the cloud system will send an email containing a link to activate the created account.

Open that e-mail and click on "Activate".

Upon activating the account through the link in the email, you will be able to log into the reserved area of the account.

▶ Registering a Wi-Fi device in the cloud

Registering a Wi-Fi device is allowed only after logging into the cloud system, using your credentials.

The web page the cloud system proposes immediately after logging in, contains the list of your registered Wi-Fi devices (or an empty list if no device has been registered previously) and a button that allows you to register a new device.

Click on the button "Register a new device".

Enter the required data shown on the label of the Wi-Fi device.
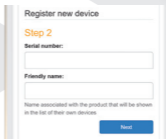
Click on "Next".

Enter the serial number of the stove to which the Wi-Fi module is connected. The serial number will not be checked but it could be useful in case remote assistance is necessary.

In the name field enter a name of your choice for the product connected online.

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