



WYZE TEMP APOLLO

User's Guide

Abstract

1. Quick Start Guide.....	3
1.1 Supply Checklist	3
1.2 Base	3
1.3 Probe	3
1.4 pgLogger	4
2. Wyze Temp Apollo Probe	5
2.1 Temperature Sensor.....	5
3. Wyze Temp <i>PLUS</i> Base	6
3.1 Ethernet Interface	6
3.1.1 Direct Connection	6
3.1.2 Network Connection	6
3.2 Modbus Interface	6
5. Troubleshooting	7
6. Document Change Log	8

1. Quick Start Guide

The purpose of this section is to guide a user through setting up a Wyze Temp Apollo system out of the box. It will walk a user through the process of connecting a base directly to a windows computer via Ethernet ports to receive probe data in the pgLogger program provided with the Wyze Temp Apollo system. More detailed setup instructions can be found in this document for more advanced configurations and process integration.

1.1 Supply Checklist

The following items are necessary to complete this quick start guide:

1. Wyze Temp *PLUS* Base
 - 24V, 1A Power Supply, TP1198
 - Antenna, Either TP1165 or TP1200
2. Wyze Temp Apollo Probe
3. Ethernet cable
4. pgLogger PC Application

1.2 Base

A Wyze Temp *PLUS* Base unit is powered by a standard wall socket using the included power supply. Connect the power supply to the exposed green connector on the base and plug it into the wall. The base has a status LED immediately next to the power connection. This light will initially be off, then it will turn on. When the LED turns back off, the base is completely powered and functional. While waiting for the LED to indicate the base is ready, connect the antenna to the antenna connector, and use the crossover cable to connect the Ethernet port on the base to the Ethernet port on the windows computer to be used.

When all connections have been made and the LED has indicated that the program is running, the base is operating. Changes can be made using the web browser interface by entering the appropriate address into the URL bar. The address will have the following format if it is the first connected base (or only connected base):

wyzeapi.local:8080/WyzePiWeb/

From here it is possible to change base settings, add or remove tags from the list of tags it will respond to, blink the LED on the base, etc. For now nothing needs to be changed as long as the probe being used is in the list (this can be verified by following the “Tags” link in the banner). If the probe needs to be added then enter its number in the top field under “Tag and Type” and select the probe type from the drop down box under “Type”. Finally, click the “Add” button.

1.3 Probe

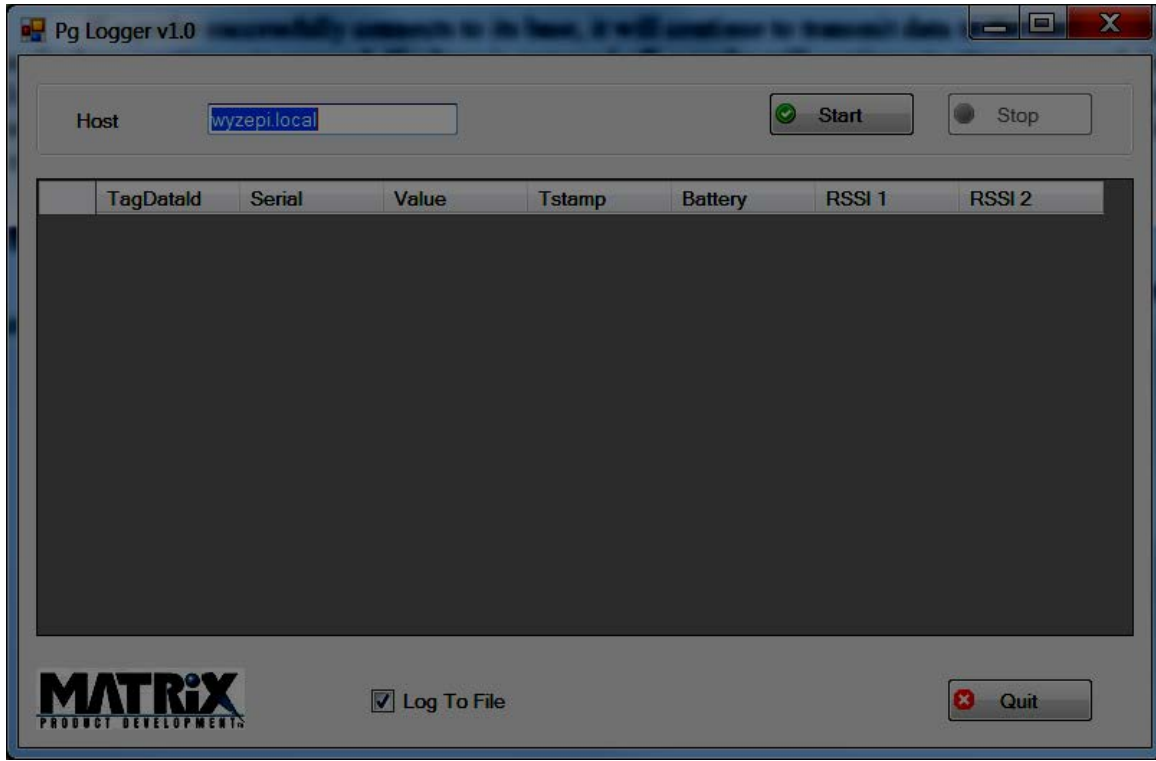
Wyze Temp Apollo is shipped in an operational state—there is no need for a user to wake it up or put it to sleep. The Apollo probe will flash a green LED once every 10 seconds for the duration of the time that the probe is running. Once a user enters the individual Apollo probe serial number into the Base’s database, temperature data will begin to be logged.

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1.4 pgLogger

If a base and probe are setup and communicating, launch pgLogger on a windows computer connected to the network. The window should look like this:



In the field labeled “Host” enter the base name (for the purpose of this guide, since only one base is connected, wyzepi.local is correct). Click the start button, and data should populate screen. If the “Log To File” box is checked, the data log can be found in this directory in windows explorer:

C:\ProgramData\pglogger

“ProgramData” is hidden as a default setting in windows computers, but it can still be entered by typing the correct name in the windows explorer bar. Data logs are stored as “.txt” files and have the date the log file was created in the name.

To stop logging data, the stop button can be clicked. The “Quit” button will close the pgLogger window altogether.

2. Wyze Temp Apollo Probe

The Wyze Temp Apollo probe is capable of making wireless, real-time temperature measurements intended to streamline the large scale cooking process to help minimize loss and perfect cooking cycles. All Wyze Temp Apollo products are FCC certified at 433MHz.

2.1 Temperature Sensor

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3. Wyze Temp *PLUS* Base

The Wyze Temp *PLUS* Base is able to communicate with all Wyze Temp *PLUS* probes and log the data to a postgresSQL open source database format. The base unit also has MODBUS-Over-Ethernet (MODBUS TCP) capabilities. The dual interface design allows the Wyze Temp *PLUS* system to be quickly integrated into an industrial system.

3.1 *Ethernet Interface*

3.1.1 Direct Connection

3.1.2 Network Connection

3.2 *Modbus Interface*

5. Troubleshooting

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6. Document Change Log

Date	Version	Notes
27 October 2015	1.0.0	Initial Draft. Outline Determined and Quick Start section filled in.

User Manual appendix: Radio Compliance Statements FCC and IC

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

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

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

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie 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, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

