

VIFLYKOO TX16TY1

VIFLYKOO EM3390TF WiFi Weather Station Outdoor Sensor User Manual

Product Model: EM3390TF | Outdoor Sensor Model: TX16TY1

1. INTRODUCTION

Thank you for choosing the VIFLYKOO EM3390TF WiFi Weather Station with Outdoor Sensor. This device provides accurate real-time temperature and humidity readings, along with weather forecasts, directly to your display unit and compatible mobile application. This manual will guide you through the setup, operation, and maintenance of your new weather station to ensure optimal performance.

2. SAFETY INFORMATION

- Read all instructions carefully before using the device.
- Do not expose the main unit to extreme temperatures, direct sunlight, or moisture.
- The outdoor sensor (Model TX16TY1) is designed for outdoor use but should be protected from direct heavy rain and snow for extended longevity.
- Use only specified batteries. Do not mix old and new batteries or different types of batteries.
- Keep the device away from strong magnetic fields.
- Do not attempt to disassemble or repair the unit yourself. Contact customer support for assistance.
- Dispose of batteries and electronic components responsibly according to local regulations.

3. PACKAGE CONTENTS

Please check the package contents to ensure all items are present:

- 1 x VIFLYKOO EM3390TF Main Display Unit
- 1 x Wireless Outdoor Sensor (Model TX16TY1)
- 1 x Power Adapter for Main Unit

- 1 x User Manual (this document)
- (Batteries for sensor typically not included, check packaging)

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your weather station.

4.1 Main Display Unit

The main unit features a color LCD display showing indoor/outdoor temperature and humidity, time, date, and weather forecast icons. It also connects to your home WiFi network for advanced features and app integration.

Support up to 3 Channels

Temperature and humidity can be received from three places at the same time, with a transmission distance of up to 60m/196ft



CH1



CH2



CH3



Note: package includes only 1 sensor

Image: The VIFLYKOO EM3390TF main display unit showing various weather data, time, and forecast, alongside the wireless outdoor sensor and a smartphone displaying the companion app.

4.2 Wireless Outdoor Sensor (Model TX16TY1)

The compact outdoor sensor measures external temperature and humidity and transmits data wirelessly to the main display unit. It is designed to be placed outdoors within a specified range.



Image: The VIFLYKOO EM3390TF main display unit illustrating its capability to receive data from up to three channels (CH1, CH2, CH3) from outdoor sensors, with examples of sensor placement in a house, a child's room, and a greenhouse. Note: Only one sensor is included in the package.

5. SETUP

5.1 Powering the Main Unit

1. Connect the provided power adapter to the main display unit's power input port.
2. Plug the adapter into a standard electrical outlet. The display will light up.

5.2 Installing Batteries in the Outdoor Sensor

1. Open the battery compartment on the back of the outdoor sensor.
2. Insert the required batteries (e.g., 2 x AA, not included) according to the polarity markings (+/-).
3. Close the battery compartment securely.

5.3 Pairing the Outdoor Sensor with the Main Unit

The main unit should automatically search for and connect to the outdoor sensor once both are powered on. If pairing does not occur automatically:

1. Ensure the outdoor sensor is within range (up to 60m/196ft in open air).
2. On the main unit, press and hold the "CHANNEL" or "SEARCH" button (refer to specific button labels on your device) to initiate a manual search for the sensor.
3. On the outdoor sensor, press the "TX" or "RESET" button (if available) to send a signal.
4. Once connected, the outdoor temperature and humidity will appear on the main display unit.

5.4 WiFi Connection and App Setup

To utilize the WiFi features and mobile application:

1. **Download the App:** Search for the "VIFLYKOO Weather" app (or similar, check packaging/manual for exact name) on your smartphone's app store (iOS App Store or Google Play Store).
2. **Create Account:** Open the app and follow the on-screen instructions to create a new user account or log in.
3. **Connect to WiFi:**
 - On the main display unit, navigate to the WiFi setup mode (usually by pressing a dedicated WiFi button or through the settings menu).
 - Follow the app's instructions to connect your weather station to your home 2.4GHz WiFi network. This typically involves putting the station into pairing mode and entering your WiFi password in the app.
4. **Add Device:** Once connected to WiFi, the app should detect your weather station. Add it to your devices within the app.

6. OPERATING INSTRUCTIONS

6.1 Display Overview

The main display unit shows various information:

- **Indoor Temperature & Humidity:** Readings from the main unit's internal sensors.
- **Outdoor Temperature & Humidity:** Readings from the wireless outdoor sensor.
- **Time & Date:** Automatically synchronized via WiFi.
- **Weather Forecast:** Icons indicating sunny, cloudy, rainy, etc., based on atmospheric pressure changes.
- **Channel Indicator:** Shows which outdoor sensor channel is currently displayed (CH1, CH2, CH3).

6.2 Changing Display Units (°C/°F)

Press the "°C/°F" button (or similar) on the main unit to switch between Celsius and Fahrenheit temperature displays.

6.3 Selecting Sensor Channels

If you have multiple outdoor sensors (sold separately), press the "CHANNEL" button to cycle through CH1, CH2, and CH3 to view data from different sensors. The unit can support up to 3 channels.

6.4 Using the Mobile Application

The companion app provides additional functionalities:

- View current and historical data remotely.
- Set alerts for temperature/humidity thresholds.

- Access more detailed weather forecasts.
- Manage multiple sensors (if applicable).

7. MAINTENANCE

- **Cleaning:** Wipe the display unit and sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in the outdoor sensor when the low battery indicator appears on the main unit. Ensure correct polarity.
- **Sensor Placement:** Periodically check the outdoor sensor's placement to ensure it is protected from direct elements and has clear transmission to the main unit.

8. TROUBLESHOOTING

8.1 No Outdoor Sensor Reading

- Check if the outdoor sensor batteries are correctly installed and not depleted.
- Ensure the sensor is within the 60m/196ft transmission range of the main unit.
- Reduce obstacles between the sensor and the main unit (e.g., thick walls, metal objects).
- Perform a manual pairing as described in Section 5.3.

8.2 Incorrect Temperature/Humidity Readings

- Ensure the sensor is not in direct sunlight or near heat sources (for outdoor sensor) or vents (for indoor sensor).
- Allow some time for the sensors to stabilize after initial setup or battery replacement.

8.3 WiFi Connection Issues

- Ensure your router is broadcasting a 2.4GHz WiFi signal. The device may not support 5GHz networks.
- Check your WiFi password for accuracy.
- Move the main unit closer to your WiFi router.
- Restart your router and the main unit, then attempt to reconnect.

9. SPECIFICATIONS

Feature	Detail
Brand	VIFLYKOO
Product Model	EM3390TF
Outdoor Sensor Model	TX16TY1
Connectivity	WiFi (2.4GHz), Wireless RF (for sensor)
Outdoor Sensor Range	Up to 60m / 196ft (open air)
Number of Sensors Supported	Up to 3 (1 included)

Power Source (Main Unit)	Power Adapter
Power Source (Outdoor Sensor)	Batteries (e.g., AA, not included)
UPC	774882953982

10. WARRANTY AND SUPPORT

VIFLYKOO products are designed for reliability and performance. This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your package or visit the official VIFLYKOO website.

For technical support, troubleshooting assistance, or to inquire about additional sensors, please contact VIFLYKOO customer service through their official website or the contact information provided in your product packaging.