# AIO® Advanced Touch Controller TFTH20

Product Data Sheet




innova

## CONTACT INFO

**VIP Customer/Technical Support**
Email: vip@innova.co
Phone: (212) 204-2700

## DISCLAIMER

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## AIO® ADVANCED TOUCH CONTROLLER TFTH20

- Wired
- Wall mounted

### ⚠WARNING

Only qualified professionals should install and service this equipment. Improper installation or modification by an unqualified person could result in death or serious injury. When working on the equipment, observe all precautions in the installation manual and labels attached to the equipment.

### ⚠WARNING

**BUTTON CELL / COIN BATTERY HAZARD:** This product contains a button cell battery.

**DEATH or serious injury can occur if ingested.** A swallowed button cell or coin battery can cause internal chemical burns in as little as 2 hours.

**KEEP NEW AND USED BATTERIES OUT OF REACH OF CHILDREN.**
If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention. **Call the Canadian Poison Control Centre: 1-844-POISON-X (1-844-764-7669)**

- Ensure the battery compartment is securely closed and cannot be easily opened.
- Dispose of used batteries immediately and safely.
- Do not allow children to handle batteries.
- Follow all instructions for proper battery handling and replacement.

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# 1. ADVANCED TOUCH CONTROLLER SUBMITTAL

| | | |
|---|---|---|
| Job | Reference | Construction |
| Location | Approval | Quote Number |
| Engineer | Date | Drawing Number |
| Submitted To | Submitted By: | P.O. Number: |

For the easiest and most comprehensive control, the full-color, Advanced Touchscreen Controller is the best choice. The Touchscreen Controller is approximately the size of a standard light switch plate and can be mounted next to a light switch. Comprehensive programming offers multiple schedules for each day. Commands are intuitive and straightforward.

This controller requires a gateway board (included), which must be field-installed and connected inside the AIO® by an electrician or technician. Installation takes approximately 15 minutes.

## 1.1 Features

- Always-on display dims after 15 seconds of inactivity
- Full-color TFT Touch Screen
- Modes include: Cool, Heat, Auto, Dehumidify, and Fan Only
- Fan Controls include: Low, Medium, High, and Auto
- Louver control
- Temperature set point in one-degree increments
- 7-day program with multiple independent schedules per day.
- Fahrenheit or Celsius temperature display

## 1.2 General

- **Display**
  4.3" (109.2 mm) TFT, 480x272 pixels
- **Material**
  - Frame: White matte plastic
  - Display: Glass
- **Mounting**
  Single gang, standard depth junction box
- **Connection Type**
  - Solid wire for less than 30' run
  - Stranded shielded four-conductor 18 AWG wire for more than 30' run
- **Warranty**
  2-year limited
- **Power Consumption**
  2 watts

## 1.3 Included

- TFT Touchscreen Controller
- CR1220 3V Dry Lithium Battery

## 1.4 Dimensions

- **Dimensions**
  - Width: 3.12" (79.2 mm)
  - Height: 4.76" (120.9 mm)
  - Visible Depth: 0.5" (12.7 mm)
  - Total Depth: 1.25" (31.8 mm)
- **Weight**
  - 0.5 lb (0.2 kg)

*Figure 1.*

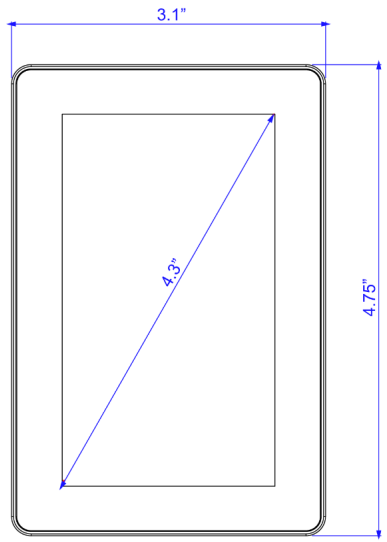



*Figure 2.*

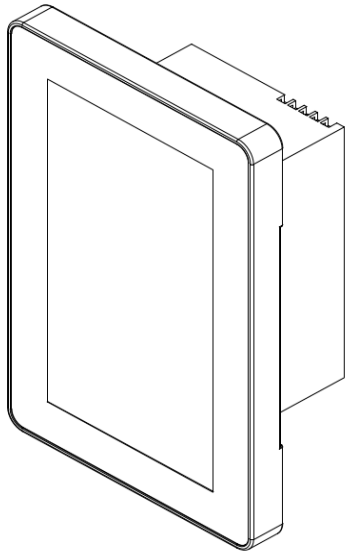
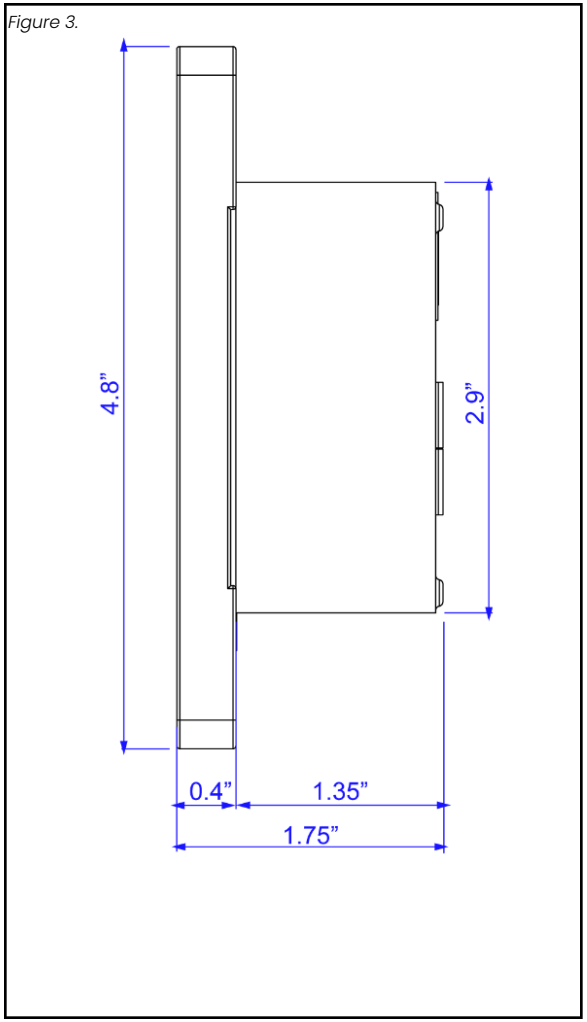


*Figure 3.*

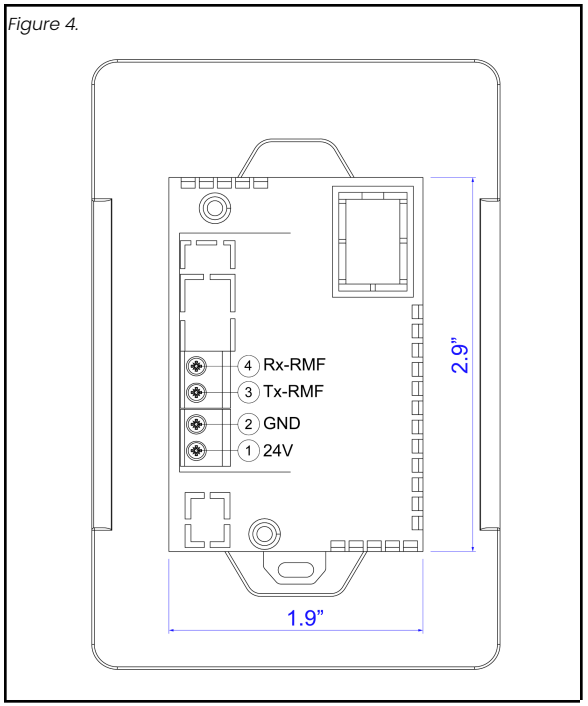



## 2. WIRING DIAGRAM

### 2.1 Back of controller

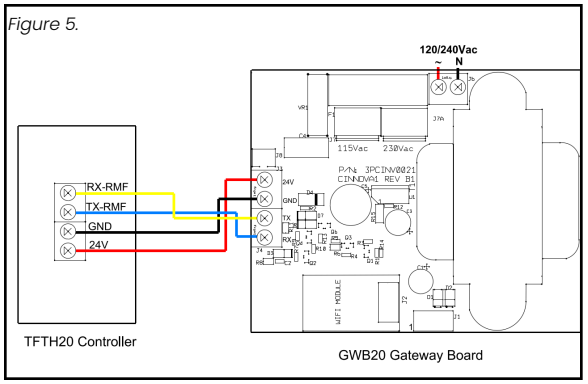
The rear of the TFT display is wired to the AIO® Gateway Board with four wires.

*Figure 4.*




### 2.2 Gateway Board

*Figure 5.*




## 3. WARRANTY

For terms and conditions, click on the link below (and navigate to Section 4):

AIO Warranty Terms and Conditions - 2026 - INN...

With over 20 years of experience in the climate comfort sector, we have a clear goal: growth through innovation. Our team is laser-focused on the conception, development, and production of innovative heating, ventilation, and air conditioning solutions. This mission has developed through bringing together technical skills, creativity, technology, design, Italian passion, and a global vision to achieve the best energy efficiency and performance.

innova.co | **USA:** 216-710-1000 **Canada:** 416-739-1000

MADE IN ITALY

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