

SONOFF THR316D Elite Smart Temperature and Humidity Monitoring Switch

The **SONOFF THR316D Elite Smart Temperature and Humidity Monitoring Switch** is an advanced Wi-Fi-enabled smart device designed to give you full control over your appliances while monitoring real-time climate conditions. Built with a **digital LCD display**, **16A load capacity**, and **support for external sensors**, this smart switch is the ideal solution for managing heaters, fans, humidifiers, dehumidifiers, and other high-power devices in homes, offices, greenhouses, and industrial applications.

With the THR316D Elite, you can automate your environment based on temperature and humidity levels, helping you maintain comfort, protect sensitive equipment, and reduce unnecessary energy consumption.

【Smart Climate Monitoring and Automation】

Unlike regular smart switches, the SONOFF THR316D Elite is designed to provide **precise climate monitoring**. By connecting compatible external temperature and humidity sensors, the switch continuously tracks environmental conditions in real-time.

With the **eWeLink app**, you can view these readings on your smartphone anytime, anywhere. But it doesn't stop there — you can also create **automation rules** that trigger appliances when conditions meet your preset thresholds. For example:

- Turn on a **heater** if the temperature drops below 18°C.
- Activate a **fan or air conditioner** if the temperature rises above 28°C.
- Start a **humidifier** when humidity falls too low.
- Run a **dehumidifier** when humidity exceeds your set limit.

This intelligent automation ensures your space is always kept at the right comfort level without manual intervention.

【High Power 16A Load Capacity】

The THR316D Elite is designed to handle **appliances up to 16A**, making it suitable for both light-duty and heavy-duty equipment. This means you can safely connect and control:

- Water heaters
- Air conditioners
- Humidifiers and dehumidifiers
- Pumps and fans

- Heating systems

Its robust build and reliable relay protection make it safe for continuous operation, whether for home or industrial use.

【Built-in LCD Display】

One of the standout features of the SONOFF THR316D Elite is its **integrated LCD screen**. This display provides at-a-glance information, including:

- Real-time temperature and humidity readings (with external sensors)
- Device working status
- Load and power information

Having a built-in display makes it easier to monitor conditions locally without needing to open the app. This feature is especially useful in professional environments such as workshops, server rooms, or warehouses.

【Remote App and Voice Control】

Control your appliances from anywhere in the world with the **eWeLink app**. You can switch devices on/off, monitor environmental conditions, create timers, and set up advanced smart scenes directly from your smartphone.

The THR316D Elite also integrates seamlessly with **Amazon Alexa and Google Home**, allowing you to control connected devices with simple voice commands. Just say:

- *“Alexa, turn on the heater.”*
- *“Hey Google, switch off the fan.”*

This hands-free convenience brings true smart living to your home and workplace.

【DIN Rail Installation for Professional Setup】

The THR316D Elite is designed for **DIN rail mounting**, making it ideal for structured electrical panels and control cabinets. This ensures a clean, professional, and secure installation while keeping wiring organized and accessible for maintenance.

DIN rail installation makes it a popular choice not only for smart homes but also for **industrial, agricultural, and commercial projects**.

【Why Choose SONOFF THR316D Elite?】

- ✓ **Smart Climate Control** – Monitors temperature & humidity in real-time.
- ✓ **16A Load Capacity** – Handles high-power devices with safety and reliability.
- ✓ **Built-in LCD Display** – View live readings and device status instantly.
- ✓ **App & Voice Control** – eWeLink app, Alexa, and Google Home compatibility.
- ✓ **Automation Rules** – Appliances switch on/off automatically based on set thresholds.
- ✓ **DIN Rail Installation** – Professional, clean, and secure setup.

【Ideal Applications】

The SONOFF THR316D Elite is suitable for a wide variety of uses, including:

- **Homes** – Automate heaters, air conditioners, fans, or humidifiers for comfort.
- **Greenhouses** – Maintain precise growing conditions with temperature and humidity regulation.

- **Warehouses & Storage** – Protect sensitive goods and equipment from moisture or temperature fluctuations.
- **Server Rooms & Workshops** – Keep electronics and machinery operating within safe climate ranges.
- **Industrial Use** – Manage high-power appliances efficiently and safely.

【Conclusion】

The **SONOFF THR316D Elite Smart Temperature and Humidity Monitoring Switch** is more than just a switch — it's a **complete smart climate control solution**. With its powerful 16A load capacity, integrated LCD display, smart automation features, and compatibility with leading voice assistants, it gives you full control and monitoring of your appliances and environment.

Whether you're looking to improve comfort at home, protect sensitive equipment, or optimize energy efficiency in a commercial or industrial setting, the THR316D Elite delivers advanced functionality in a compact and professional design.

Upgrade your space with the **SONOFF THR316D Elite** and experience the future of intelligent climate control.