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TinyML Powered Smart Arduino Weather Station with Wio Terminal

TinyML Powered Smart Arduino Weather Station with Wio Terminal: high-accuracy sensing with your choice of microcontroller.

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Overview



Build a complete Arduino smart weather station using the highly accurate Grove DHT20 sensor with ±0.5℃ temperature and ±3% humidity accuracy. Choose between the integrated Wio Terminal or the ultra-compact Seeeduino XIAO microcontroller, leveraging the modular Grove ecosystem and community tutorials.

Key Features

- Build a complete Arduino Smart Weather Station with intelligent capabilities
- Highly Accurate Grove DHT20, with ±0.5℃ accuracy for temperature, and ±3% for humidity
- Easy-to-use modular Grove ecosystem accelerates hardware prototyping process
- Choose between two highly capable ARM Cortex-M Microcontrollers
- - Wio Terminal - Integrated development platform with LCD, buttons, wireless connectivity, and more
  - You can also choose **Seeeduino XIAO as the microcontroller board** - Ultra tiny, compact microcontroller that fits on your fingertip
- Leverage existing community projects and tutorials to easily build your Arduino Smart Weather Station

Product Gallery



Resource Links

- https://www.seeedstudio.com/Arduino-Smart-Weather-Station-Kit-p-5000.html

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