

The mcSense420 is an affordable, ultra-low-power indoor/outdoor remote sensor & asset tracker that lets you wirelessly collect and deliver data to the cloud. This built to last, pocket-sized Internet of Things device is a fully pre-programmed (and programmable), scalable and manageable solution that lasts for up to 5 years on 2 x AA batteries. Featuring built-in Wi-Fi location services and various onboard sensors, the TrackALL can monitor the location of anything, as well as its environment, from anywhere. The device is housed in a screw mountable, IP65 rated enclosure.

Product Features:

- Long range mcAir LPLAN
- mcStudio integration
- Wi-Fi location
- Ultra-low power ARM M4 processor
- Low power accelerometer
- High accuracy temperature sensor
- 8Mbit flash memory for local data collection
- Optional humidity/pressure/air quality sensor
- Optional ambient Light sensor (0.01lux to 83k lux)
- Optional time-of-flight ranging sensor
- Up to 7 GPIOs
- Up to 4 analog inputs
- I2C, SPI, and UART interfaces
- Integrated antennas
- Expansion header
- 2 x AA batteries
- Screw mountable

Specs:

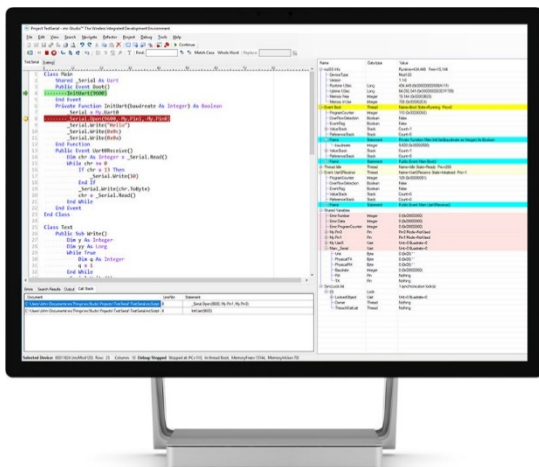
- Power: 2 x AA batteries
- IP65 rated enclosure
- Operational temperature: -40°C to +85°C*
- Dimensions: 104mm x 49mm x 26mm

Long Range mcAir:

- Long range, low-power local area network custom designed for IoT applications.
- Up to 1,200m** wireless range to the mcGateway
- Connect 1000s of modules to each mcGateway

mcStudio:

- Create simple IoT applications in minutes using the Object Oriented, event driven mcScript language
- Wirelessly program and debug your applications, set breakpoints, step through code, and examine variables/pin values



Device Images:

