EPM2M-AG-CELL

Cellular Sensor

The EPM2M-CELL-AG is a flexible multi-sensor module designed to be used as a module for OEM to be added to a system or as a complete solution for monitoring. Cellular connectivity allows the epSensor to used in locations without Ethernet or Wi-Fi access. Sensors allow for air quality monitoring, temperature/ humidity, motion detection, audio detection, light sensing, accelerometer and time of flight.

Contact us today so we can help you implement you wireless based IoT project.



The EPM2M-CELL-AG module can be brand labeled for customers and epConnect can be used to build the complete IoT sensing application for a customer.

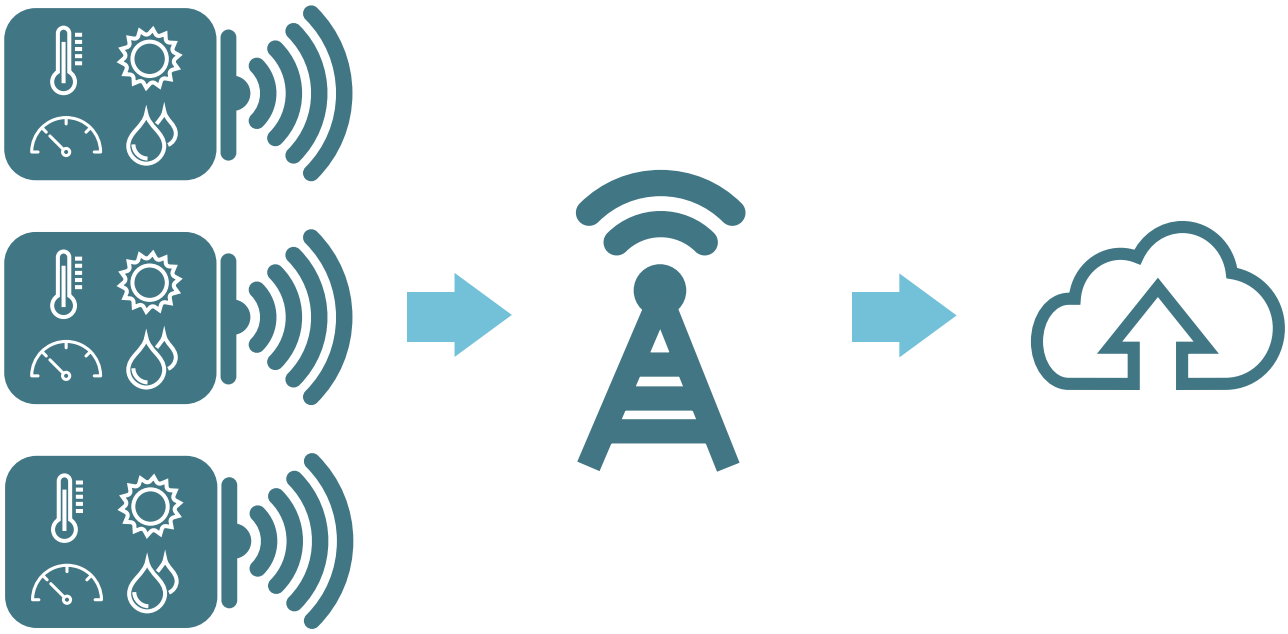
Feature Summary:

Specification:	Description:
Cellular:	Cat M1 / NB-IoT
Bluetooth:	Bluetooth 4.0, 4.2, 5.0 for configuration and setup
Device Management:	Device management includes device and sensor configuration, application and firmware updates, security management, device status
Cloud Data:	Cloud interfaces include Microsoft Azure, IBM Cloud and AWS
Sensor Options:	
Ambient Light:	Sense presences of light to determine system or room access
Temperature/Humidity:	Primary temperature and humidity readings
Accelerometer:	Sense shock and movement force; 3D Accelerometer, 3D Magnetometer and 3D Gyroscope
Air Quality:	Bosch BME860, includes temperature, humidity, pressure and air quality
Time of Flight:	Sense machine access
Audio Microphone:	Sense audio changes in environment
Operating Temperature:	-40 to +85C
Power:	2 x AAA or 2 x AA
Additional I/O:	I/O module available for SPI, I2C, USB and programming

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M2M Data Access and Management



- Embedded Planet is a complete IoT solution using epConnect with Sensors, Gateways and Cloud connectivity.
- epConnect solutions include LoRa, Wi-Fi, Cellular, BLE, SmartMesh and other wireless protocols.
- Embedded Planet has extensive experience with embedded operating systems and firmware. epConnect can be branded and customized to meet your particular needs.
- We can utilize epConnet to implement your complete IoT infrastructure.
- We can alleviate the headaches associated with volume production of embedded systems. Your product is delivered 100% tested from an ISO-9002 certified manufacturing facility.
- Contact Embedded Planet to find out how we can accelerate your project