



Developer & Enterprise Solution Components

Code	Component	Description
MicroPnP IoT Suite		
A00	MicroPnP Weather-proof Armor	<ul style="list-style-type: none"> Waterproof outdoor enclosure for Pxx / Lxx Built using heavy duty ABS plastic
Pxx	MicroPnP Wireless Device (SmartMesh IP)	<ul style="list-style-type: none"> SmartMesh IP™ 802.15.4e 2.4GHz Network Module 99.999% reliable mesh network Supports 3 MicroPnP Peripherals Smart battery with real-time monitoring
Lxx	MicroPnP Wireless Device (LoRaWAN)	<ul style="list-style-type: none"> LoRa™ 868MHz Network Module Up to 5KM range in suburban settings Supports 3 MicroPnP Peripherals Smart battery with real-time monitoring
Sxx	MicroPnP Peripherals	<i>See next page for full list</i>
M01	MicroPnP Wireless Gateway (SmartMesh IP)	<ul style="list-style-type: none"> SmartMesh IP™ 802.15.4e Network Module Supports up to 100 MicroPnP Wireless Devices (Pxx) 802.11b/g/n WiFi and 100mbps Ethernet RESTful API and web interface
K01	MicroPnP Development Kit (SmartMesh IP)	See datasheet
K02	MicroPnP Development Kit (SmartMesh IP, no batteries)	See datasheet
VersaSense IoT Cloud		
C01	VersaSense IoT Cloud “as a Service” Setup	<ul style="list-style-type: none"> Public cloud setup, dedicated instance on Amazon EC2 High performance processing & storage in time-series DB Customizable dashboards and alerting Lifecycle management of IoT fabric RESTful API and web interface
C02	VersaSense IoT Cloud “as a Service” Subscription	<ul style="list-style-type: none"> Public cloud subscription Yearly per-device hosting fee
C03	VersaSense IoT Cloud “as an Appliance” Setup	<ul style="list-style-type: none"> Enterprise-grade server, switch and cabling High performance processing & storage in time-series DB Customizable dashboards and alerting Lifecycle management of IoT fabric RESTful API and web interface
C04	VersaSense IoT Cloud “as an Appliance” Subscription	<ul style="list-style-type: none"> Private cloud annual maintenance and support fee

Code	Description	Power Supply Needed
Z01	Secure Programming Peripheral with Micro-USB cable	N/A
Sensors and Actuators		
S01	Passive Infrared Presence Sensor	NO
S02	Accelerometer	NO
S03	Temperature Sensor (combined with S04)	NO
S04	Humidity Sensor (combined with S03)	NO
S05	Microphone	see datasheet
S06	Barometric Pressure Sensor	NO
S07	Pyranometer	YES, included
S10	Light Sensor	NO
S11	RFID Reader	YES, use Z01 with USB power supply (not included)
S13	DC Power Monitor and Relay	NO
S14	AC Power Monitor and Relay	NO
S15	Surface Temperature Sensor	NO
S16	Ultrasonic Distance Sensor	YES, use Z01 with USB power supply (not included)
S17	Infrared Distance Sensor	NO
S19	Buzzer Actuator	NO
S21	Heat Flux Sensor	NO
S22	CO2 Gas Sensor	YES, included
S23	Memory Display	NO
S26	pH Sensor	NO
S27	Oxygen Gas (O2) Sensor	NO
S28	Ammonia Gas (NH3) Sensor	NO
S29	Ethylene Oxide Gas (VOC) Sensor	NO
S30	AC Current Monitor using Clamp	NO
Sensing Interfaces		
S24	Current Loop (4-20mA) Interface	YES, included
S25	DC mV Sensor	NO
S31	AC/DC mV Sensor	NO
S32	RTD Interface	NO
S33	Strain Gauge Interface	NO
S34	Button Interface	NO
S35	Pulse Counter Interface	NO
Custom Sensor Encapsulation and Integration (*)		

(*) Need a sensor that is not listed above?

If your application requires a sensor not currently on the list, please contact us as new options are being added monthly and custom sensor integration can be achieved with lead times measured in weeks.