Use Case	Description	IoT Device Options
People Counting -->	99.8% accuracy for Heavy Traffic / Crowded Areas	**300+**
	90% accuracy for narrow walkways	
	Bathrooms with a swinging door entrance in order to optimize cleaning schedules	
	Bathrooms with no doors in order to optimize cleaning schedules	
	Gateway that convert existing camera system into a people counting system	
	Occupancy at specific desks or within conference rooms	
Energy & Utility -->	Sub Metering, Batteryless, Single Phase, Near Realtime Data	
	Single and Three Phase up to 12 CT Clamps, Active power, reactive power, power factor...	
	Whole Building, Revenue Grade	
	Outlet, Small Appliance, Uptime, Downtime, Remote Control, 10AMP Max 110v	
Indoor Asset Tracking -->	Indoor Asset Tracking, Warehouse, Factories, Hospitals and Campuses	
	BLE Gateway, required add-on with Moko M2 to provide accurate indoor positioning	
Outdoor Asset Tracking -->	Outdoor Asset Tracking & Machine Runtime	
	Outdoor Asset Tracking w/ 5+ years of battery	
	Outdoor Asset Tracking w/ 5+ years of battery	
Temperature Monitoring -->	Food, Vaccine and Perishables (NIST and EN 12830 available)	
	Temperature insertion device to monitor hay, compost, tobacco etc	
Water Monitoring / Control -->	Water monitoring of Whole Building Meter, cellular based	
	Automated legionella monitoring and reporting	
	DN15 Shut Off Valve	
	Basic leak detection	
	Add-on for Elexa Leak sensor to add additional point of leak detection	
	Leak detection with customizable "leak membrane"	
	Inline Flow metering for Small to Medium Pipes	
	Ultrasonic Flow, Non-Intrusive, Small Pipes (EU Only)	
	Ultrasonic Flow, Large Pipes, Retrofit	
	Advanced water quality monitoring (pH, O2, NO2, etc)	
Level Monitoring -->	Tank Level, Large / Wide Silos, Inventory Reporting and Monitoring	
	Submersible Tank Level, Water, Diesel, Chemical	
	Large Tank, Dusty Environment, Strain Monitoring	
Factories and Manufacturing -->	Tracks 7 different IAQ measurements including CO2 and VOC	
	Detects for gas leaks. Includes audible alarm	
	Pipe Pressure, Water or Gas Up To 16 Bars	
	Air Quality - Indoor	
	Air Quality - Industrial / Heavy-Duty Indoor	
	Cleaning Requests and Service Validation	
	Clean Room Air Flow Validation, HVAC Filter Status, Inflow vs Outflow Differential	
	Monitoring and Control Digital, Analog and Serial I/O	
	OEE Tracking (	
	PLC Tag Monitoring	
	Forklift Monitoring [1]	
	Crane Monitoring	
	Load Cell Monitoring [2]	
	Conveyor Belt Speed Monitoring [3]	
	CNC Machine Monitoring	
	Furnace Temperature Monitoring [4]	
	Impact Detection [5]	
	Modbus Monitoring of PLCs [6]	
	Pulse Counters for Retrofitting Machines [7]	
	420 Milliamp Sensors for Process Control [8]	
	0 to 30 Volt Sensors for Equipment Monitoring [9]	
	SDI-12 Sensors for Smart Data Acquisition [10]	
Agriculture / Farming -->	Irrigation Valve Control	
	Wireless rumen capsle for rumen temperature and movement	
	Outside temperature and humidity sensors in a passive radiation shield, wind speed and direction, rainfall.	
	Measures temperature, humidity, wind speed, wind direction, rainfall, and barometric pressure	
Machine Monitoring / Predictive Maintenance -->	Predictive Maintenance, Big Motors, ISO-10816	
	Injection Molding, Production Cycle Counts for Optimized Maintenance	
	Modbus to LoRa Converter	
Security -->	Panic Button - Campus, Alyssa's Law, Hotel Mandates	
	Required Add-On with GlobalSat Panic Button for Indoor Positioning	
	Door Barricade - K-12 Schools	
	Cellular based panic button	
	Vape Detection, School Bathrooms	
	Detects fires at an ultra-early stage using multiple infrared and visible cameras, along with gas, temperature survey	

REMOTE SOURCE