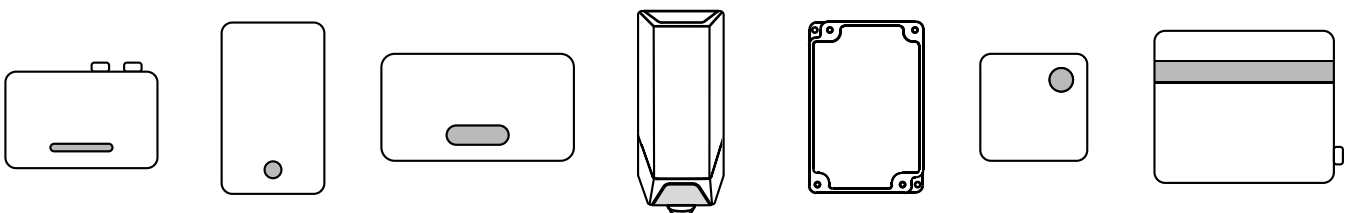


Choosing an **IoT Partner?** **Look No Further.**



Product Lines

We have entire team to make innovations simple.

Macnman is redefining IoT product design, creating innovative, user-centric solutions that connect the physical and digital worlds.

Our mission is to develop cutting-edge IoT products that empower businesses to harness the power of real-time data, driving efficiency, automation, and smarter decision-making. With a focus on seamless integration and intuitive design, we partner with industries to deliver solutions that transform operations & enhance productivity.

Our vision is to lead the evolution of IoT technology, building a more connected, efficient, and sustainable future for businesses and communities worldwide. Together, we're shaping the future of smart innovation



Milestones We've Hit ↑

2020

Macnman headquarters originated in Pune.



We began our journey in the factory automation industry.

2021



WPC
Approval

Obtain product approvals and enhance designs to meet compliance standards.



Launched a new line of sensors and controllers based on 2G technology.



12+ custom products developed according to client requirements

2022



Introduced a MegaTough Series LoRaWAN gateways, LoRaWAN-based flow meters, sensors, and converters.



Indoor and outdoor LoRaWAN gateway & nodes certifications



2023



18+ Custom product development project successfully delivered



Added new products in the MegaTough Series-RS485 to LoRaWAN ,

2024



Introduced MacSync Series- 150+ Sensors options available in MacSync + Available in 4 primary connectivity options



Vector Series for the indoor outdoor asset tracking solution

Curious to know, Why Macnman **Rocks**



Technology Excellence



Flexible Integration



Certifications

Product Schema

Smart Agriculture



LoRaWAN Gateway

MegaTough-LG-V4

MegaTough



Multi Sensor Node

MegaTough-SN-XX



LoRaWAN Controller

MecSync-LC-V2

MecSync



RS485 to Lora Converter

Mac-LC-V2



LoRaWAN Ultrasonic Sensor

MegaTough-LU-XX

MegaTough

Smart Industries



MacSync Node

MacSync-XX-XX

MacSync



Flow Meter Module

MegaTough-SN-XX



LoRaWAN Tracker

Vector-Tag1101

Vector



Custom Controller

Mac-LC-V2



LoRaWAN Peer Gateway

Mac-LoRa-GW-P2P

Smart City



LoRaWAN Outdoor Gateway

Mac-LOG-721



Portable Gateway

Mac-LOG-722



Smart Wash-room Sensor

MecSync-LC-V2



LoRaWAN Indoor Gateway

Mac-LIG-V1

MacSync



MacSync Multi Sensor Node

MacSync-XX-XX

MacSync

Smart Office



Macnman Locator

Vector-Locator-2

Vector



Multi Gas Sensor

Mac-Indoor-GS-921



Smart Relay Scheduler

MecSync-LC-V2



Multi-Protocol Converter

Mac-CNV-V1

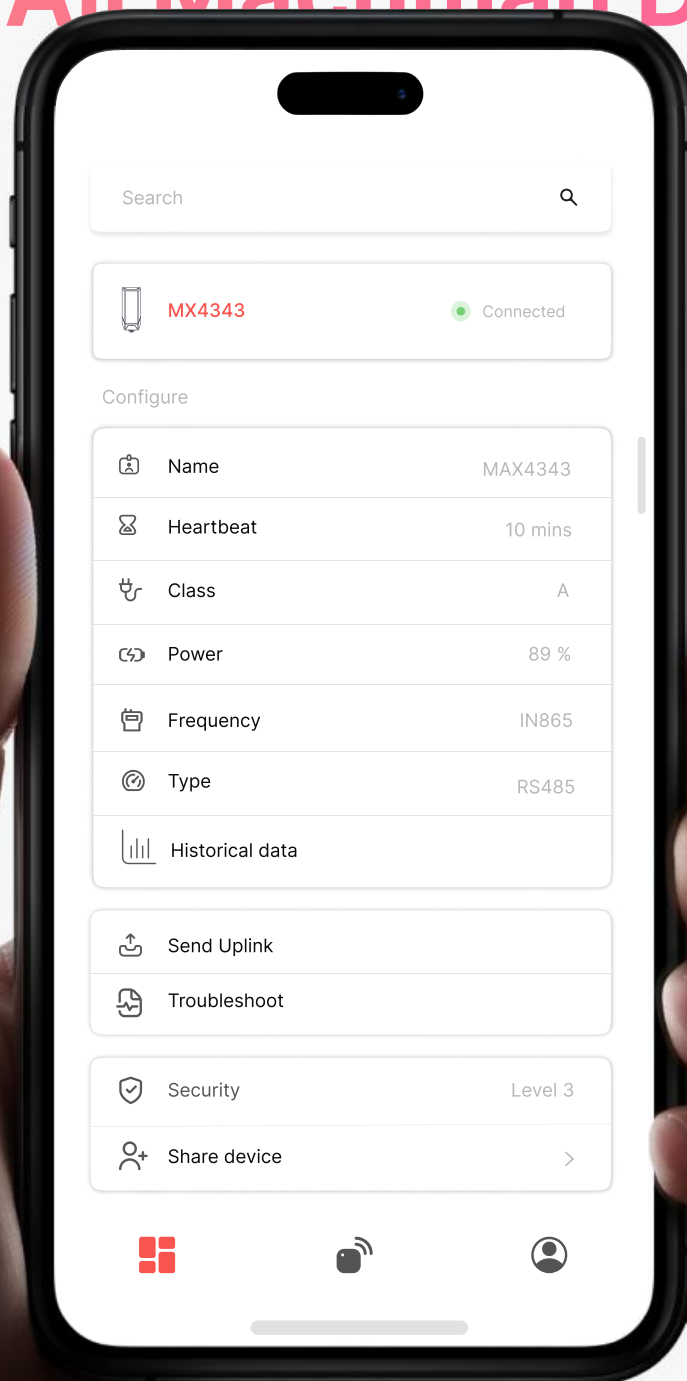


Macnman Temp-Humi-Prs Node

MacSync-1272

Maya

Control All Macnman Devices





Temperature & Humidity Sensor - MacSync-X-T

MacSync

- Plastic + metal corrosion resistant probe
- Breathable shell
- High accuracy & 150 bar anti pressure capability
- 8 Variants available



Soil Sensors - MacSync-X-S 5/6/7 in One

MacSync

- High-precision with rapid response & exchangeability.
- Durable and corrosion-resistant probes
- Waterproof with flame-retardant epoxy resin cover
- 4 Variants available



CO2 Sensor - MacSync-XX-GC

MacSync

- Photoacoustic NDIR sensor technology PASens
- Breathable shell & pass through shell
- Integrated temperature and humidity sensor
- 3 Variants available





Temperature & Humidity Sensor - MacSync-X-N

MacSync

- Stainless steel protection from rain, snow, and insects.
- IP65-rated for dust and water resistance.
- Lightweight, compact, and easy to integrate
- 2 Variants available



Water Sensors - MacSync-X-WQ

MacSync

- Multi-parameter Measurement : Ph ,COD, TSS,BOD,Turbidity & more
- Built with robust materials to withstand harsh environments
- Self cleaning brushes option
- 4 Variants available



Weather stations 6/7/8/9 in One MacSync-X-WS

MacSync

- Solar Radiation Shield
- Solar-powered
- Compact and Easy to Install
- 4 Variants available





Multi Sensor Module - I2C , UART

- Multi-parameter Measurement
- Adopt Precision Compensation Technology
- Custom material selection is possible
- Custom Variants available



Pressure Sensor MacSync-X-P

- Multichannel indoor gateway
- Backhaul : 4g LTE , WiFi , Ethernet
- Compact and easy to install design
- Configuration through Maya



LoRaWAN Peer Gateway - LoRa-GW-P2P

- Single Channel LoRa Gateway
- Backhaul : WiFi , 4G LTE
- Compact & easy to use for developers and PoCs
- Configurable via Maya, with support for custom program





MacSync-RS485/Analog to LoRaWAN Converter

MacSync

Hot Selling

- Complete hardware configurations.
- IP67/IP68 protection options available.
- Constructed with robust materials for harsh environments.
- Supports both RS485 and analog interfaces



LoRaWAN Agri-Industrial Gateway - MT-LG-V4

MacSync

- Adopts Precision Compensation Technology
- Suitable For Gas, Liquid, Oil
- Stainless Steel Body
- 4 Variants available



Vibration Sensor MacSync-X-V

MacSync

- Durable Design: IP67 , Stainless Steel Shell
- Three-Axis Measurement
- Real-time Data Monitoring
- Configurable via Maya, with support for custom program





Ultrasonic Sensors MacSync-X-UL

MacSync

- Durable Design: IP67, Industrial grade plastic
- Mid-range, narrow detection zone
- Detects the largest signal return in the field of view
- Real-time automatic calibration



Ultrasonic Sensor(4 M) MacSync-X-US

MacSync

- Penetrate through certain substances such as smog and dust
- Compact & easy to deploy onsite
- Smaller blind zone & wider sensing angle
- Durable Design: IP67, Industrial grade plastic



Water Treatment Sensors - MacSync-X-WQ

MacSync

- Multi-parameter Measurement : Ph ,COD, TSS,BOD,Turbidity & more
- Built with robust materials to withstand harsh environments
- Self cleaning mechanism
- 3 Variants available





MacSync-RS485/Analog to LoRaWAN Converter

- Multichannel outdoor gateway
- 4 Core ARM Cortex-A7 processor
- Storage : 8GB eMMC
- Duel Sim



Vector Tag 2

Vector

- LoRaWAN + BLE + Wi-Fi Positioning
- Indoor & Outdoor GPS positioning
- Easy to use & deploy tracker
- Built for the industrial tracking usecases



Macman Industry Controller TYPE 2

- Support for custom program
- Full touch screen , customization possible
- Multiple DI / DOs, RS485 interfaces
- Built for ordinary and hazardous location





Ultrasonic Sensor MegaTough-X-UL

MegaTough

- Sonar Sensing Range: 30-500 cm
- Factory calibrated to match narrow sensor beam patterns
- Millimeter resolution, short to long-distance detection
- 2 Variants available



Light Sensor MegaTough-X-LS

MegaTough

- Multi-parameter Measurement
- Silicon type detection material
- Less than 0.5 S response time & less than 2% error
- 2 Variants available



Pressure Sensors MegaTough-X-P

MegaTough

- Adopts Precision Compensation Technology
- Suitable For Gas, Liquid, Oil
- Stainless Steel Body
- 2 Variants available





MacSync-RS485/Analog to LoRaWAN Converter

- Multiple meters integration possible
- Support for custom program
- Multiple DI / DOs, RS485 interfaces
- 2 Variants available



Indoor LoRaWAN Gateway Mac-LIG

- Multichannel Indoor LoRa/LoRaWAN Gateway
- Inbuilt Server
- Based on SX1302 / 03 series
- Configurable via Maya, with support for custom program



LoRaWAN Peer Gateway - LoRa-GW-P2P



- Multiple IOs
- Support for custom program
- Suitable for the machine condition monitoring, outdoor usage
- Repeater mode available





MacSync Weather Station 7/8/9 in One

MacSync

- Highly accurate / 0.5 Sec response time
- Pass through enclosure designs
- Sensor customization possible
- 4 Variants available



LoRaWAN Portable Gateway - MT-LG-V4

- Inbuilt server
- 6 Hours of battery backup
- Based on SX1302 / 03 series
- Maya configurations , support custom programs



LoRaWAN Controller MacSync-Controller-19

MacSync

- Works with single phase / three phase
- Does not need to be connected with server , works offline
- 2 Relay outputs available
- Zero touch deployment





Indoor Air Quality Sensor

- Multi parameter : PM2.5, PM10, CO2, Pressure, Temperature & more
- Air pass through design
- Zero touch deployment, no configuration needed
- Sensor customization possible



Macnman Controller-16

- Made for the small use cases like reminders, actions and alarms
- Two relay outputs available
- Full touch and customization
- Multi Sensor for AQI is available



Macnman Temperature & Humidity Sensor T12

- High precision high accuracy sensor
- Compact size ready to deploy
- High accuracy & 150 bar anti pressure capability
- 2 Variants available





Vector Locator 2

Vector

- High precision location tracking using AoA
- Easy to deploy and scalable
- Customizable alerts & notifications
- Secure & encrypted communication



Vector Tag 3

Vector

- Built in accelerometer
- Compact & lightweight design
- Long battery life
- Customizable alerts and notification with movement



Vector Tag 4 / 5

Vector

- Deep sleep function
- Long battery life
- Designed for the industrial usecase
- Multi sensor options available

