Choosing an IoT Partner?

Look No Further.
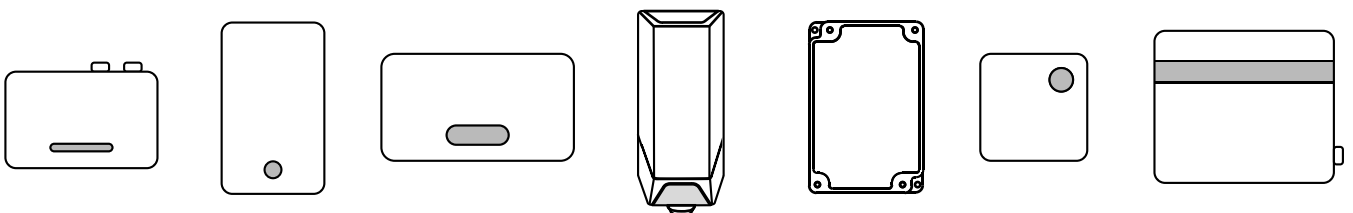
MACNMAN
Stronger Together

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

RoHS WPC Approval

Obtain product approvals and enhance designs to meet compliance standards.

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

2021

12+ custom products developed according to client requirements

18+ Custom product development project successfully delivered

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

2023

2024

2022

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

2020

Macnman headquarters originated in Pune.

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

We began our journey in the factory automation industry.

CE FC

Indoor and outdoor LoRaWAN gateway & nodes certifications

Vector Series for the indoor outdoor asset tracking solution

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Curious to know,
Why Macnman Rocks

LoRaWAN®   NB-IoT   5G

Wi-Fi   4G

—— Technology Excellence ——

Private clouds   THE THINGS NETWORK   orbiwise   MQTT

ChirpStack   LORIOT   aws

—— Flexible Integration ——

LoRaWAN®   CE   UL

FC   RoHS

—— Certifications ——

Product Schema

Smart Agriculture

LoRaWAN Gateway
MegaTough-LG-V4
MegaTough

Multi Sensor Node
MegaTough-SN-XX

LoRaWAN Controller
New
MecSync-LC-V2
MacSync

RS485 to Lora Converter
Mac-LC-V2

LoRaWAN Ultrasonic Sensor
MegaTough-LU-XX
LoRaWAN NB-IoT WiFi
MegaTough

Smart Industries

MacSync Node
New
MacSync-XX-XX
LoRaWAN NB-IoT WiFi
MacSync

Flow Meter Module
MegaTough-SN-XX
LoRaWAN NB-IoT WiFi

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 NB-IoT WiFi

LoRaWAN Indoor Gateway
Mac-LIG-V1
MacSync

MacSync Multi Sensor Node
New
MacSync-XX-XX
LoRaWAN NB-IoT WiFi
MacSync

Smart Office

Macnman Locator
New
Vector-Locator-2
Vector

Multi Gas Sensor
Mac-Indoor-GS-921
LoRaWAN NB-IoT WiFi

Smart Relay Scheduler
MecSync-LC-V2
LoRaWAN WiFi

Multi-Protocol Converter
Mac-CNV-V1
LoRaWAN NB-IoT WiFi

Macnman Temp-Humi-Prs Node
MacSync-1272
LoRaWAN NB-IoT WiFi

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Maya

Control All Macnman Devices

Search

MX4343   ● Connected

Configure

	Name	MAX4343
	Heartbeat	10 mins
	Class	A
	Power	89 %
	Frequency	IN865
	Type	RS485
	Historical data	

Send Uplink

Troubleshoot

Security	Level 3
Share device	>

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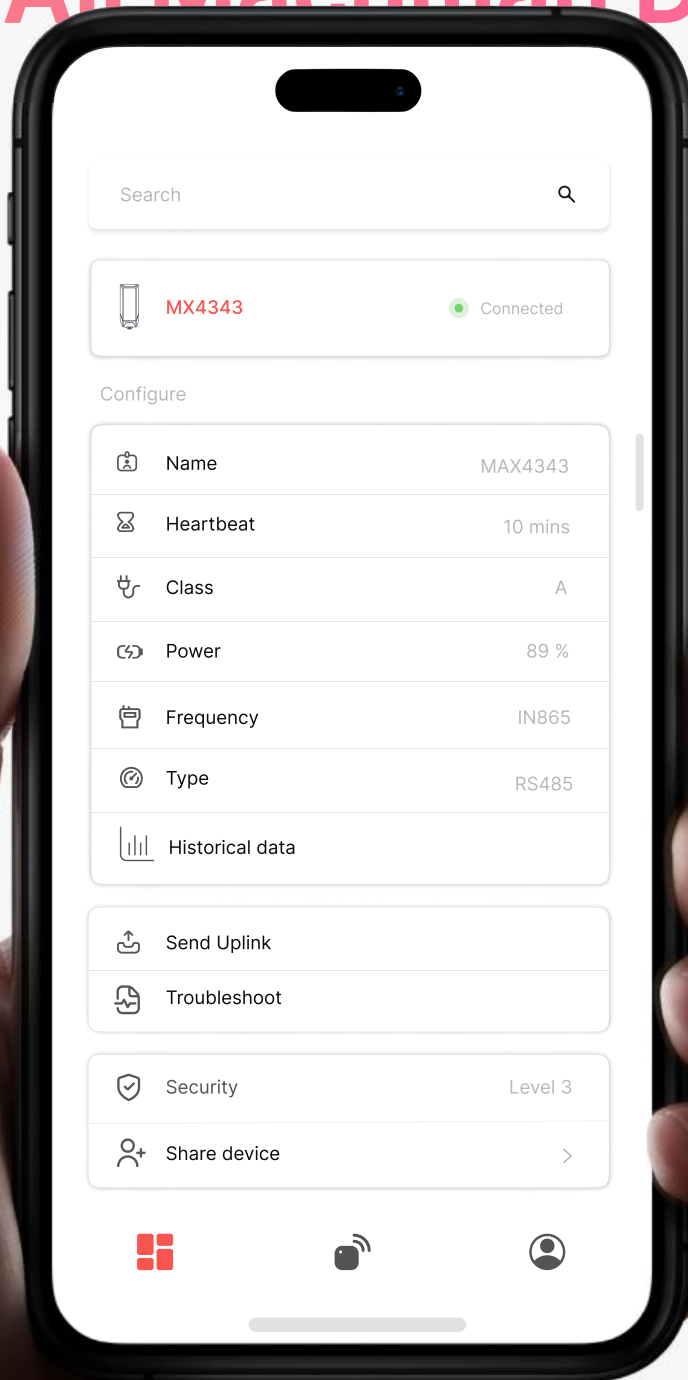
Temperature & Humidity Sensor - MacSync-X-T

MacSync

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

LoRaWAN®   NB-IoT   WiFi

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

LoRaWAN®   NB-IoT   WiFi

CO2 Sensor - MacSync-XX-GC

MacSync

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

LoRaWAN®   NB-IoT   WiFi

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

LoRaWAN®   NB-IoT   WiFi

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

LoRaWAN®   NB-IoT   WiFi

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

LoRaWAN®   NB-IoT   WiFi

Multi Sensor Module - I2C , UART

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

NB-IoT   **WiFi**

Pressure Sensor MacSync-X-P

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

LoRaWAN

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

LoRaWAN

MACNMAN

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®   NB-IoT   WiFi

LoRaWAN Agri-Industrial Gateway - MT-LG-V4

MacSync

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

LoRaWAN®   NB-IoT   WiFi

Viberation 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

LoRaWAN®   NB-IoT   WiFi

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

LoRaWAN®   NB-IoT   WiFi

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

LoRaWAN®   NB-IoT   WiFi

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

LoRaWAN®   NB-IoT   WiFi

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MacSync-RS485/Analog to LoRaWAN Converter

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

LoRaWAN®

Vector Tag 2

Vector

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

LoRaWAN® NB-IoT

Macnman Industry Controller TYPE 2

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

WiFi®

MACNMAN

Ultrasonic Senosr 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

LoRaWAN Wi-Fi

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

LoRaWAN Wi-Fi

Pressure Sensors MegaTough-X-P

`MegaTough`

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

LoRaWAN Wi-Fi

MACNMAN

MacSync-RS485/Analog to LoRaWAN Converter

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

LoRaWAN® **WiFi™**

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®

LoRaWAN Peer Gateway - LoRa-GW-P2P

MacSync

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

LoRaWAN® **NB-IoT** **WiFi™**

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®   NB-IoT   WiFi

LoRaWAN Portable Gateway - MT-LG-V4

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

LoRaWAN®

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

LoRaWAN®   WiFi

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

LoRaWAN® NB-IoT WiFi

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

BLE WiFi

Macnman Temperature & Humidity Sensor T12

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

LoRaWAN® NB-IoT WiFi

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 funtion
- Long battery life
- Designed for the industrial usecase
- Multi sensor options available

MACNMAN
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