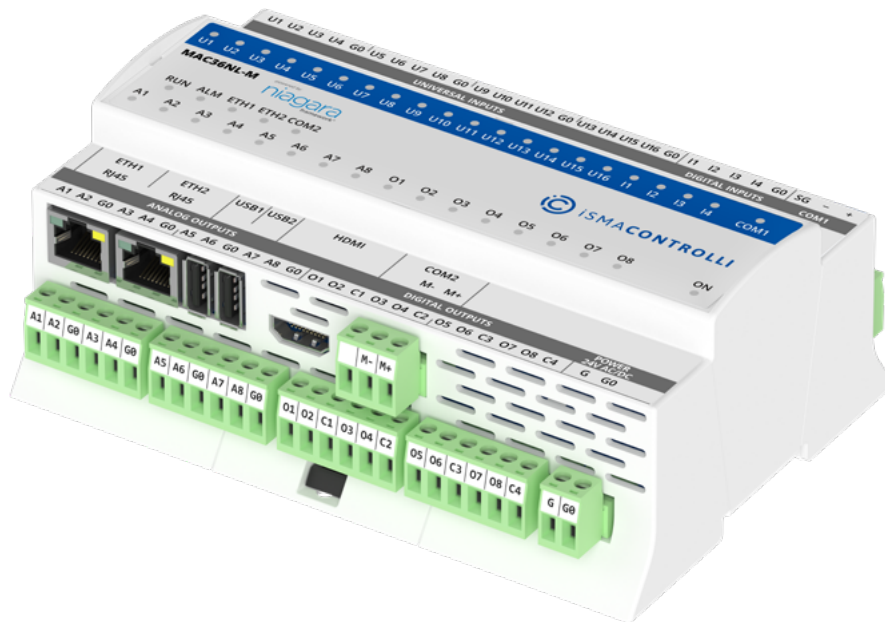


# iSMA-B-MAC36NL

Scalable solution for small and medium-sized buildings for comprehensive control, process visualization and energy management

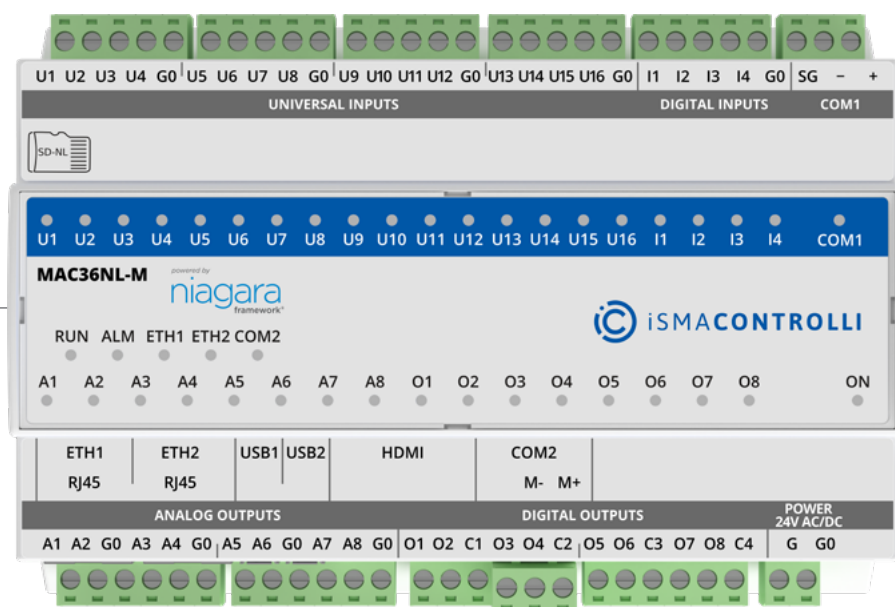


Hybrid IoT Controller powered by Niagara



[ismacontrolli.com](http://ismacontrolli.com)





iSMA-B-MAC36NL

## Master Application Controller

### Operability

Just one powerful controller with 36 I/O onboard for monitoring and control, trends, alarms, HTML5 visualization, and ability to integrate all the protocols that exist in the commercial buildings.

### Safety and Security

Secure IT and OT systems thanks to SSL connectivity, two separated Ethernet ports with certifications, and IT compliance.

### Reduced Energy Cost

Reduced Energy cost and at the same time improved performance of the building.



**All-in-one-integration**

Achieve maximum efficiency and comfort of the building while reducing the energy cost to minimum thanks to connecting HVAC, metering, lighting, comfort and energy management into one common platform.

**Visualization Efficiency**

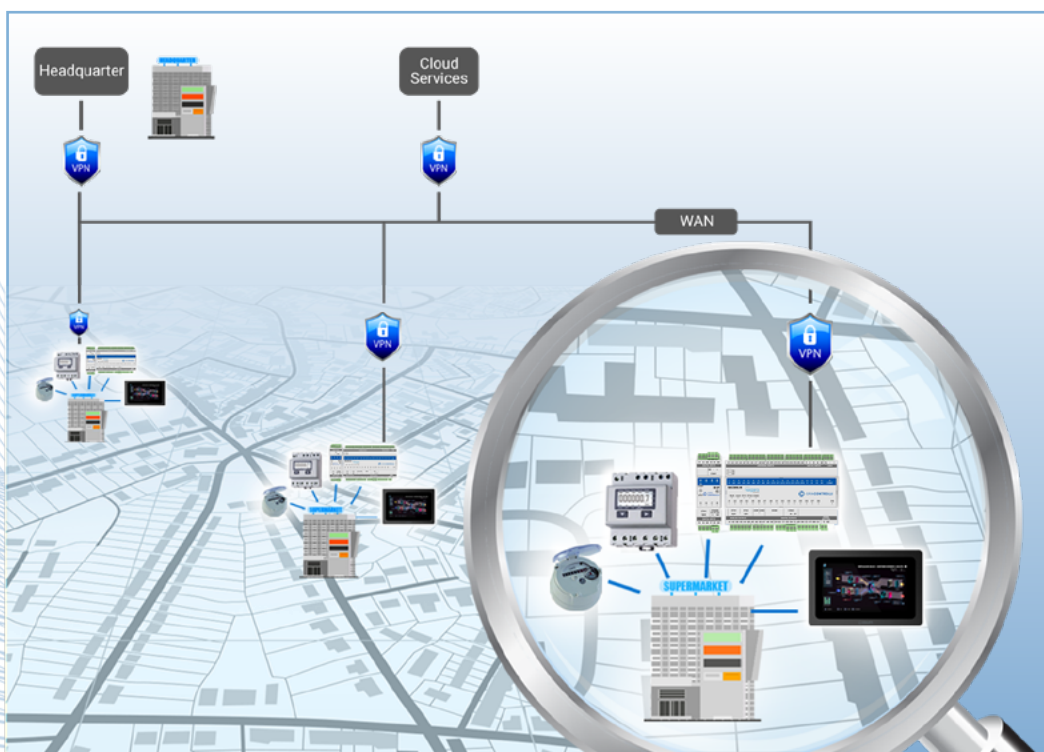
Access and control HTML5 visualization locally, with onboard HDMI output and 2 USB ports with touch and mouse support, or globally thanks to IP connectivity.

**Expandable**

36 onboard inputs and outputs can be easily expanded by series of iSMA I/O Modules by IP or RS485 interface, enabling expanding the controller capabilities at the same time of installation or in the future.

**Scalable**

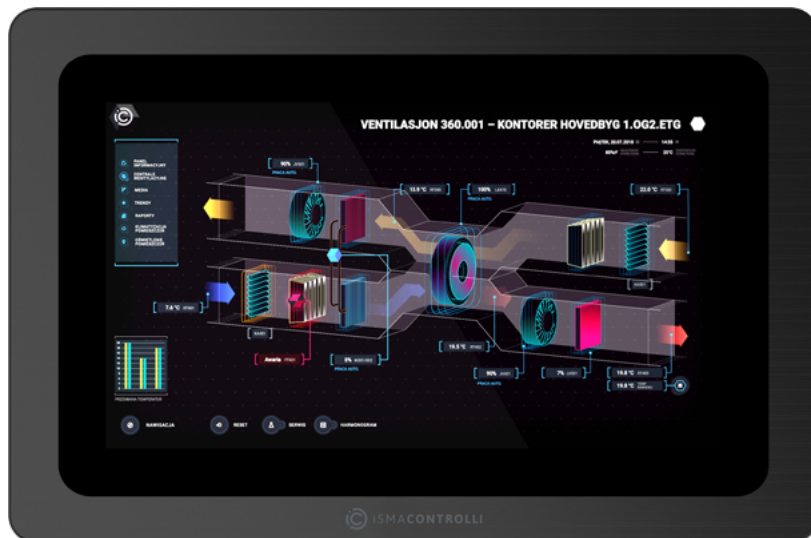
It is all about the scale! Implement BMS into the small and medium-sized buildings that thought they can't afford the BMS.



## Complex solution...

Provide control, data logging, alarming, scheduling, integration, and visualization. Choose whether you control your building remotely through the browser using a secured connection or locally with a screen connected directly to the controller through the HDMI port.

External Screen  
HDMI Connectivity



## ...to make your building smart!

Bring your building or a group of buildings to the cloud by one of the chosen protocols like MQTT to maximize the efficiency of the buildings, monitor and optimize the operation of the building to minimize the maintenance cost.

