



Controls

Weidmüller's PAC Controller M3000 & M4000 Series

The perfect pairing of OT and IT for industrial applications



Smart manufacturing requires fast, flexible and future-forward computing. With Weidmüller's PAC (Programmable Automation Controller) series, you now get a control and edge system in one device and realize the convergence of IT (Information Technology) and OT (Operational Technology).

With multi-core technology and a factory-installed, truly open operating system, you have found your new future-proof system for all automation and IIoT tasks.

This is not just any PAC Controller

Do you have the need for speed? With powerful multi-core processors, faster processing and more memory, this is computing like you've never seen before, from the factory floor to edge devices.

Do you need an intuitive and effortless setup? From the universal USB-C port and standard Ethernet ports (2 or 4) to Weidmüller's u-OS installed with CODESYS compatibility, you can open up the box and be ready to go within minutes.

Your benefits at a glance

- **Seamless integration:** Our modular design allows for easy integration of IT & OT components
- **Scalability:** Easily expand your system as your needs grow
- **Flexibility:** Customize your solution to fit your specific requirements
- **Efficiency:** Optimize your operations with powerful performance and advanced features
- **Reliability:** Count on our proven technology for dependable performance

Approvals



Modular Controllers at the Heart of Automation & IIoT Applications

Our interoperable controller is the central component of any automation system. Our u-control series offers a compact and powerful solution, built on the foundation of our innovative I/O system and our open operating system u-OS.

Choose the right controller



u-control M3000



u-control M4000

Coming soon!
Left side expansion
– networking, GSM,
fieldbus & 4G LTE

Highlights

- PUSH IN connection technology
- Perfect for integrating automation solutions into IoT environments
- Serves as a powerful edge device for information in the network
- Expandable with function modules for versatile applications

u-control M4000 also includes:

- Quad-core processing for enhanced performance
- Four Ethernet interface ports for increased connectivity
- Larger capacity: more storage, RAM, NVRAM, and flash memory for complex edge computing

Supported software



u-link Remote Access



PROCON WEB ES



ResMa
Energy Management



CODESYS



Node-RED



Ignition
by Inductive automation



nyviz



portainer.io

Ordering data

Type	Description	Order no.
UC20-M3000	Controller, IP20, Automation Controller, CODESYS	2839150000
UC20-M4000	Controller, IP20, Automation Controller, CODESYS	2839160000

Supporting products in automation solutions



u-remote IP20 Remote I/O

u-remote provides a configurable, simple I/O solution across multiple platforms. With 11 different coupler options and large collection of I/O cards, u-remote offers customizable solutions for network applications.



Power Supplies

A stable power supply is essential for uninterrupted network performance, protecting the switch from electrical issues to ensure efficient data communication across all connected devices.



Unmanaged Switches

Our Basic Line Series B switches optimize supply chains by reducing storage costs and increasing network availability by supporting Profinet CC-A and EtherNet/IP networks for maximum efficiency.

Discover the future of automation

Contact us today at weidmuller.com/sales to learn more about how our PAC controllers can help you achieve your automation goals.



Discover more