Created with AI

Controls

Introducing Weidmuller's PAC Controller M3000 and M4000 Series
The perfect pairing of OT and IT for industrial applications

Smart manufacturing requires fast, flexible and future-forward computing. With Weidmuller's new 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 Weidmuller's u-OS installed with Codesys compatibility, you can open up the box and be ready to go within minutes.

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

10/2024 | LIT2094

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 & WiFi

Supported software

u-link Remote Access

PROCON WEB ES

ResMa Energy Management

CODESYS

Node-RED

Ignition by inductive automation

AnyViz

portainer.io

Features & benefits

- 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

Approvals

RoHS

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LISTED
FOR HAZ.LOC. C1D2

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, u-remote offers a solution for almost any network. With our large collection of I/O cards, u-remote can be customized to fit any application.

Power Supplies
A stable power supply is essential for uninterrupted network performance, protecting the switch from electrical issues and ensuring 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 —experience the power of u-control M3000 & M4000

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

eshop.weidmueller.com