SYSTEMS INTEGRATED

Innovative and Enduring Systems Based on Published Standards

SIPAC3 PROGRAMMABLE INDUSTRIAL CONTROLLER

FEATURES

- High-resolution LCD display with touch capability for edge configuration
- Web-based commissioning, troubleshooting, and HMI, with built-in security and authentication
- Dual independent Gigabit Ethernet network interfaces
- Dual USB ports for serial communications, touchscreen monitors, keyboards, or a mouse
- HDMI port for external monitors or touchscreen
- Remote Support Service for remote diagnosis and troubleshooting
- Program with flowcharts and scripting, or IEC 61131-3 compliant languages like ladder diagram, function block diagram, sequential function chart, and structured text
- UL Hazardous Locations approved and ATEX compliant

SIPAC3-PR1

DESCRIPTION

The SIPAC3 Programmable Industrial Controller is an embedded Linux®, real-time controller with gateway functions.

The modern design of the SIPAC3 processor offers a compact, industrial computer that features a resistive-touch, high-resolution LCD display. The LCD display lifts to provide easy access to the power button, power supply connectors, network interfaces, ports, and status LEDs.

- Dual, independent Gigabit Ethernet network interfaces securely segment trusted networks (like your control network) from untrusted networks (like the Internet).
- Dual USB ports for serial interfaces, WiFi adapters, and keyboard, mouse, and touchscreen controls.
- HDMI port connects to an external monitor for displaying configuration and HMI on an external large screen, which is also useful for OEM applications.

The processor can operate through a wide range of operating temperatures (-20 to 70 °C) and with its industrial design, it can be used in a large variety of applications and operating environments. The CPU is an industrial, quad-core ARM® processor running open-source Linux with real-time extensions.

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