5.7” Touch Screen Graphic OIT Panel PC for Building, Machine, and Industrial Automation Applications

IRVINE, Calif. -- (BUSINESS WIRE)-- American Industrial Systems Inc. (AIS) introduces a 5.7” Touch Screen Human Machine Interface Terminal featuring ultra-low power consumption, shock, vibration and temperature resistance, Microsoft Windows CE, and a compact small form factor.

The graphic OIT is an open, non-proprietary system, perfect for automation applications in factories, buildings, and machines; where reliability and durability are critical. AIS' cost effective system is designed with an IP64 protected front panel with integrated touch screen for sealing out dust and water, allowing operation in environmentally challenging conditions.

The open platform human machine interface system utilizes a 520MHz RISC-based processor providing high performance and extreme low power consumption. Additionally a rugged solid state 1GB of storage and embedded Windows CE 5.0 is preloaded on the system. Staying connected is simple with built-in WiFi 802.11b/g connectivity eliminating the need to run additional cables. The AIS ARM-based control technology can control and monitor the complete process chains for individual assembly lines, machines, and buildings in an industrial automation environment.

This 5.7” HMI operator station is engineered to operate in extreme industrial conditions, featuring an operating temperature range of -20C to 60C. VESA standard mounting holes are available on every unit for easy deployment into any installation. Whether your application requires a commercial off the shelf (COTS) unit, or a fully customized HMI Panel PC, AIS has the flexibility to meet your requirement.

Key Features and Benefits include:

* 5.7” 640 x 480 High Brightness LCD Display (400nits)

* The Built-in High Performance Low Power Consumption Marvell XScaleR PXA270 520MHz Processor

* Windows CE 5.0 Operating System Preloaded

* The Built-in 128MB SDRAM, 1GB Solid State Storage, WiFi 802.11b/g, SD Card Slot and 1.5W Speakers

* The integration of 4 wire resistive touch for compact & rugged HMI durable and reliable platforms

* The built-in communication ports support RS232, RS485 and Ethernet connectivity

* The built-in USB ports support transferring files or updating firmware

* The integration of ultra-slim, light, fanless and vibration-resistant design

* The integration of a non-volatile storage makes this operator interface touch panel a reliable solution

* The built-in TCP/IP via Ethernet for traceability, easy validation, service and diagnostics via the Internet

* This rugged touch panel computer is IP54 Rated, CE and FCC certified, and RoHS compliant

* Wide Range Temperature -20°C to +60°C.

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