



Press Release ***For Immediate Release***

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COLOR YOUR VISION™

THE NEW VISION 570™

PLC & COLOR HMI

UNITRONICS, JULY 2007— A 5.7” QVGA, 256-color TFT color touchscreen display, full PLC functionality, on-board I/O options, and built-in recipe capability are just a few benefits of the new Vision570™, a powerful PLC with a built-in HMI Operator Panel.



The convenience is clear. Machine manufacturers and system integrators can add, with a single product, both a brilliant color touchscreen and a PLC to their systems at an **unbeatable** price-performance ratio that enables users to enjoy these advanced features while maintaining a low budget, reduced programming time, and minimum wiring.

The Vision570™ offers use of over one thousand displays and hundreds of highly detailed color images that can be used in a single application. The memory holds 2MB of application memory, plus 1MB for fonts and 6MB for images; future releases will include SD card memory storage support. The controller is fast, scanning 1K of a typical application in 0.9µsec, making it a natural for ‘rapid response’ applications such as packaging machines.

Industrial control processes can now rely on a single device: the Vision570™ can use 20 auto-tuned PID loops to control temperature, level, and pressure, while the 256-color touchscreen HMI enables the display data of color trend graphs, and red, attention-grabbing alarm screens. It can also display graphs according to historical values—to reflect trends of recorded data. Display options are almost endless with more than 1000 user-designed screens, and up to 24 HMI variables per screen.

Communication options include TCP/IP Ethernet, cellular, and industrial protocols such as MODBUS and CANopen networking plus remote access for data acquisition and program download. In addition, the Vision570™ can be ‘taught’ to communicate via almost any device-based protocol.

Like other members of the Vision series, Vision570™ supports digital, high-speed, and analog I/Os, as well as direct temperature measurement inputs. VisiLogic free software provides one user-friendly environment for hardware configuration, modular Ladder application development, and HMI design, including a rich color library of industrial images.

The Vision570™ reduces overall system costs by cutting programming time, minimizing hardware requirements, saving cabinet space—and, above all—exempting the user from setting up Panel-PLC communication.

About Vision Series OPLCs and VisiLogic Software

A Vision Series controller is a compact PLC with on-board I/Os and a Graphic Operator Interface. Vision's integral HMI panel contains a graphics-ready LCD and function keyboard. This enables you to use graphic images and bar graphs to represent real-time variable data, create and show text instructions, and to display actual run-time system data. The operator uses the keyboard to enter or modify system data.

Vision's on-board I/Os offer D/A inputs including HSC/shaft-encoders/frequency measurers, and relay/transistor outputs including PWM. Hooked up to Unitronics' I/O Expansion Modules, Vision supports an additional 128 I/Os.

One-stop VisiLogic programming enables you to build both HMI and PLC applications. Click-and-drop contacts, coils, and functions into your Ladder; structure your control application using Modules and Subroutines. Design up to 100 HMI Displays on an LCD replica, assign key functions; then download and test your program. Live Update from the Web ensures that you stay current with FB releases, software, and OS updates.

Vision OPLCs offer 2 RS232 ports, networking, and RTC. V120 also offers built-in RS485.

About Unitronics

Unitronics Industrial Automation Systems has been producing PLCs, automation software and accessory devices since 1989.

Unitronics' OPLC controllers combine full-function PLCs and HMI operating panels into single, compact units. These HMI + PLC devices are programmed in a single, user-friendly environment. Our clients save I/O points, wiring, space, and programming time; elements that translate directly into cost-efficiency.

Unitronics supports a global network of distributors and sales representatives, as well as a U.S. subsidiary.

For more information, contact Unitronics at Tel.: 617-657-6596, Fax: 617-657-6598, or email: usa.sales@unitronics.com.