

**VIDEO INPUT**

# Choose UniOP operator panels for the best value on the market

**E-TOP**

Automation Direct's UniOP family of HMI panels are available in more than 100 configurations - providing you with the flexibility to meet the requirements of your application and your budget. UniOP HMI panels range from simple Entry Level HMI Products to High End Graphical Workstation with a choice of touchscreen and keyboard interfaces.

## Touch Series

Industrial touch screen solutions from 3.8" ¼ VGA to 19" TFT with XGA resolution.

## Entry Level HMI

Low cost models without compromising performance. Option for Extended Temperature range.

## Handheld Series

Robust and safe handheld products for the factory floor.

## Graphical Workstations

Full-featured models with programmable keys and advanced graphic displays.

## Accessories

Optional Modules: WebServer, IEC 61131-3 PLC, I/O, Fieldbus, Ethernet, and Memory Expansion.

To help reduce your implementation costs, more than 200 communication drivers, allowing you to connect to a wide variety of industrial devices.

And your training and support costs will be minimised, as all units are set up with a single, easy-to-use Windows-based configuration software package.

## Drivers supported

- Over 200 Device Drivers supported
- Allen-Bradley DF1 (PLC-5, SLC 500, MicroLogix 1000, 1200 and 1500)
- Allen-Bradley DH-485 (SLC 500, MicroLogix 1000, 1200 and 1500)
- Modicon MODBUS RTU
- GE Fanuc SNPX (90/30, 90/70)
- Omron Host Link (C200 and C500)
- Siemens S7 MPI Adapter series PLCs
- All AutomationDirect DirectLOGIC PLCs

We are committed to provide HMI solutions for all budgets, and for all applications in Process Automation projects. UniOP **Entry Level HMI Products** make the best operator interface for your PLC systems. For low cost applications requiring pushbuttons, or LEDs, we have a wide range of different Text panels to choose from. These simple and low-cost panels use the same Windows based Designer software, so that they are the simplest to program and with more than 200 communication drivers, allowing you to connect to a wide variety of industrial devices.

## VMO10 Video Input Module

The VMO10 Video Input Module has been designed to display live video images on the UniOP screen from a camera or from a device or computer with a VGA output.

- 3 CVBS video input channels
- 1 RGB video input channel (VGA)
- Simultaneous presentation of all channels on screen
- User programmable window size
- Video frame sampling
- Video cropping
- Compatible with B-type eTOP panels

Video Input



[www.automationdirect.com.au](http://www.automationdirect.com.au)

1-800-633-0405

## 7.5" TFT and STN color displays

The eTOP20B and eTOP21B are state-of-the-art HMI devices with a resistive touchscreen interface and 7.5" TFT and STN color graphic displays. Support for 64K colors in the brilliant TFT display will increase the realism of the images. The compact size and the VGA (640x480) resolution make them an attractive solution where space is a premium without compromising performance.

The eTOP20B is compatible with the VMO10 Video Input Module. The available user memory is 32MB internal Flash with optional user memory expansion using a 32MB SSFDC memory card.



Easy to program, easy to operate— Designer Programming Software \$295

Download manuals to see for yourself:  
[www.automationdirect.com.au/support](http://www.automationdirect.com.au/support)

The release of Designer 6.04 with Firmware 5.30 expands Ethernet connectivity for UniOP. Ethernet provides a cost effective way to attach UniOP panels to an office or enterprise network and allows for high performance remote connection. Some of the important items include several methods and well-defined priority rules for the assignment of the panel's IP address, search and identification of a UniOP panel in a network, and project upload/download from Designer.

Also included are the following:

- ▷ Support of Ping in TCM10, SCM11 and SCM11-C
- ▷ Manual definition of the panel IP address and IP parameters in Configuration Mode
- 9 DHCP client support for dynamic assignment of IP addresses to panels in the network
- 10 Remote change of the UniOP mode from Operation Mode to Configuration Mode.
- 11 Update firmware with Designer and UniDataExchange.
- 12 Access recipe data, trend buffers, alarms with UniDataExchange.
- 13 Panel clock synchronisation using SNTP (Simple Network Time Protocol).

It is now possible to build an automation system completely based on Ethernet communication to program the HMI with Designer, network multiple panels, connect the HMI to the PLC and do data acquisition from higher-level systems with the UniNet OPC Server.

Connect multiple panels to PLCs on Ethernet

