

Model 2500 Intelligent Operator Interface

***An Intelligent Operator Interface Station**

***On-board and Expansion I/O plus Communication to Multiple External Devices**

The Model 2500 is ideally suited for applications that require operator input & prompting, process monitoring, communication to other devices, and additional local I/O capability.

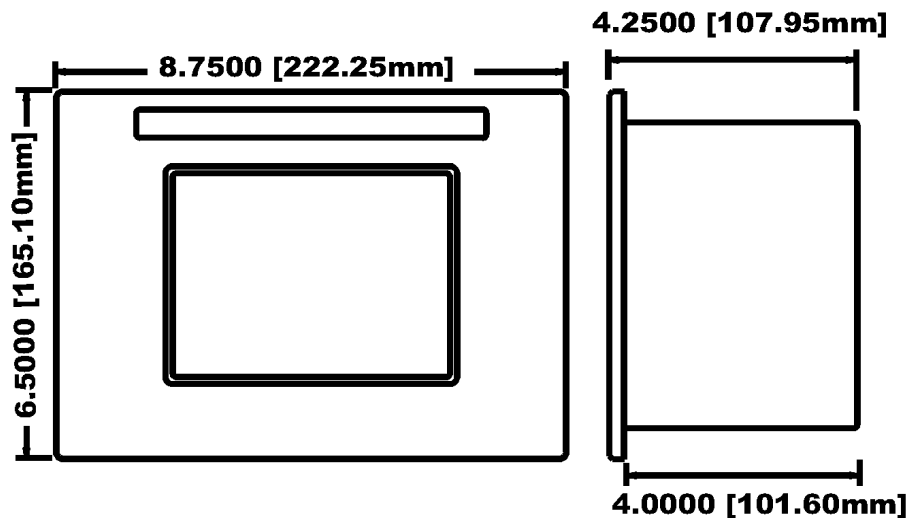
Configure the Model 2500 with WinBuild 2000 - Eason's easy-to-use configuration and control software tool. WinBuild 2000 allows a complete program to be generated graphically in a Windows point-and-click environment. The use of powerful pseudocodes (macros), and the ability to add BASIC commands into the program give maximum flexibility.

In addition, WinBuild 2000 has powerful Networking features that support serial, LAN, and modem connections

Communicate with PLCs, motion controllers, or other serial devices using the drivers in WinBuild 2000. PLC drivers include A-B SLC500, GE9030, Modicon, Koyo/PLC Direct, and others. Motion control drivers include Parker, Galil, and others.

Operator entry is performed via standard touchscreen. Touch pop-up screens are used for alpha & numeric data entry.

The standard display is a high contrast 1/4 VGA backlit LCD. An LCD color display is also available.



The Model 2500 is NEMA 4 rated (NEMA 4X optional) when panel mounted and is designed to withstand tough factory environments.

8 I/O points (PB8 compatible) are standard, as are 2 serial RS232 ports, 1 of which is also capable of RS422/485, 1 external keyboard port, and 1 programming port. All I/O are isolated for superior noise immunity in harsh factory environments.

On-board expansion digital I/O not warranted unless used with IO-8/24 modules. See IO-8/24 data sheet for details. I/O expansion can be accomplished with up to two PC104 cards.

At 8.75"W x 6.5"H x 4.0"D, the Model 2500 takes up minimal panel and cabinet space. Maximum operating temperature is 50C. Input power requirements: 18-30 VDC, 10W

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Specifications

CPU	Embedded x86 - standard	Serial Ports	COM1 RS232 COM2 RS232: 9 pin D-connector COM2 RS422/485: Screw terminal
RAM	2MB standard. Expandable to 4MB.	Keyboard Connector	PS-2 keyboard connector std
FLASH	2MB - standard. Expandable to 4MB.	Programming Port	RS232, 9 pin D-connector
BB RAM	128KB - standard	Watchdog Timer	Standard
Digital I/O*	8 I/O points standard. Each point configurable as either input or as an output. These points are PB8 compatible. [0-30V, 125 mA avg sink, 250mA peak]	Housing	Aluminum front panel bezel. Stainless steel available as an option. Rear housing is constructed of formed, plated steel.
Environment	0 to 50 C - Operating -20 to +60 C - Storage 5% to 95% RH, non-condensing	Display	1/4 VGA (320 x 240) high contrast LCD with CCFT backlight. STN color display optional. Grid matrix touchscreen standard. 18 - 30 VDC, 10W
PC 104 Expansion	<ul style="list-style-type: none">-Memory-Ethernet-D48 I/O*-Analog In/Out-Temp + Voltage Measuremer-Data Acquisition-Counter-Serial Ports-Motion Control<ul style="list-style-type: none">-Servo-Stepper		

PC 104 Expansion Slots: 2

*On-board and expansion digital I/O not warrantied unless used with IO-8/24 modules. See IO-8/24 data sheet for details.

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