

EZText PLC™

The Most SENSIBLE One-Piece Automation Controller for a Small Machine

What is EZTextPLC?

EZTextPLC is the most powerful combination of a PLC and an Operator Interface in a very compact package. It utilizes EZPLC's base and thus capable of all the features present in our EZPLC and uses our 'mix-match' modular EZI/O to deliver a truly compact control.

**2 Line 20 Ch. Text Panel
with 32 Digital I/O PLC and
Built-in RS422/485 Com. Port**

What does it have?

- Choice of five EZText Operator Interfaces
- Up to 32 I/O PLC with EZ-220/EZ-420/EZ-220V
- Up to 48 I/O PLC with EZ-220P/EZ-220PV
- Heavy duty mounting gasket
- PLC message indicator LED
- Extremely flexible 8 point I/O modules
- 64K PLC Program memory
- Extremely fast scan time: 3ms for 1k
- Powerful Ladder Logic Instruction Set
- One extra RS422/485 Comm. port
- Supports ASCII In/Out
- Built in Real Time clock/calendar
- Extremely cost effective Ethernet, Devicenet and Profibus options
- Extremely cost effective Analog I/O
- 100 KHz counter module
- Interrupt Input module
- Save as much as 35% on panel space



Where does it make sense?

EZTextPLC can be used to configure a small control system that require a Text type display. It eliminates the need to buy and install a PLC and Operator Interface separately and thus reduces the electrical panel space, makes the control system extremely compact and cost effective. With EZTextPLC starting at \$348 for a 32 Digital I/O system (16 Dig In/16 Dig Out), it is built to compete in the market of Embedded controllers without the hassle of "C" level programming or proprietary microprocessor boards. EZTextPLC uses EZI/O modules for I/O (starting at \$18.24 for 8 Digital Out!) which can be chosen from a large variety of options including Analog I/O, High Speed Counter, Relay, and AC/DC combo modules.



**DeviceNet, Profibus or
Ethernet Connectivity Options**

EZText PLC™

Look at what you get for \$333.96...

- Two-line x 20-character LCD message display
- PLC message indicator LED
- Five user-defined buttons and LEDs
- Scroll data entry
- Built-in menu system reduces extensive ladder logic programming
- Up to three embedded variables on each message
- 16 24 VDC Digital inputs
- 16 24 VDC, 0.5 Amps Source outputs, Short circuit proof
- Snap-in 8 point I/O modules with status LED indicators
- Real-time clock and calendar
- CPU status indicator LED
- Low battery indicator LED
- 8192 variables, 8192 registers
- 64K byte of user memory
- 3ms Scan Time
- Two separate CPUs for PLC and HMI
- RS422/485 communication port built-in
- Optional DeviceNet or Profibus slave port
- Powerful instruction set
- Single programming port for both PLC and Panel
- Single EZTextPLC editor for only \$47 with common tag database read
- 7.418" L x 5" W x 3.25" D for the complete package



LED that indicates that the message was triggered by PLC

Up to 256 messages
Choice of LCD or wide viewing angle VFD



Scroll through messages arranged as folders

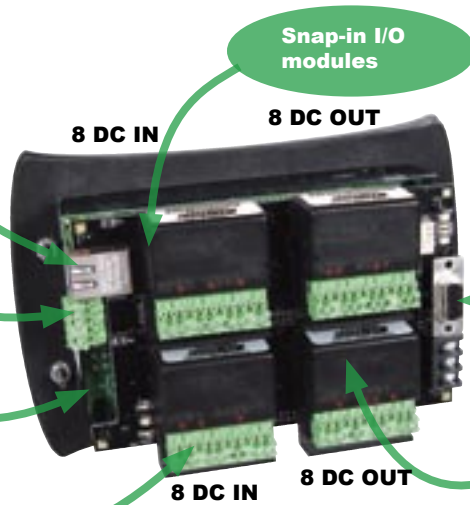
Five user defined pushbuttons and LEDs

Optional Ethernet connectivity

RS422/485 port

Optional DeviceNet, Profibus

EZ to Wire Phoenix Plug-in Terminal Blocks



Snap-in I/O modules

8 DC IN

8 DC OUT

8 DC IN

8 DC OUT

RS232 Programming port

AC/DC mixed modules for maximum flexibility



EZText PLC™

.. And what you get for \$477.72 24 Discrete and 8 Analog I/O Built-in

- Two-line x 20-character LCD message display
- PLC message indicator LED
- Numeric keypad
- Five user-defined buttons and LEDs
- Scroll data entry
- Three tri-color LED annunciators
- Built-in menu system reduces extensive ladder logic programming
- Up to three embedded variables on each message
- (16) 24 VDC Digital inputs sink or source field selectable
- (8) 24 VDC, 0.5 Amps Source outputs, Short circuit proof
- (4) 12 bit Analog In
- (4) 12 bit Analog Out
- Up to 6 Snap-in 8 point I/O modules with status LED indicators, for a total of 48 I/O
- 3.5 mm Phoenix Removable terminal blocks for I/O
- Real-time clock and calendar
- CPU status indicator LED
- Low battery indicator LED
- Three PLC states: Run, Program, Run/Program with LED indicators
- 8192 variables, 8192 registers
- 64K byte of user memory
- 3ms Scan Time



\$47
SOFTWARE

- Two separate CPUs for PLC and HMI
- RS422/485 communication port built-in
- Optional DeviceNet or Profibus Slave port
- Powerful instruction set
- Single programming port for both PLC and Panel
- Single EZTextPLC editor for only \$49 with common tag database read
- 10" L x 5" W x 3.25" D for the complete package

Optional Ethernet connectivity

Snap-in I/O modules

Future Expansion Dummy Cover

RS232 Programming Port

Communication Serial port RS422/485

8 DC IN

8 DC IN

EZ to Wire Phoenix Plug-in Terminal Blocks

8 DC Out

4 Analog In
4 Analog Out

Future Expansion Dummy Cover



AC/DC mixed modules for maximum flexibility

The Operator Interface is Extremely User Friendly



With PLC Performance You Will Find Only in PLCs Costing Thousands More!

8192 Registers
8192 Variables

64K
Available
for
Ladder &
Memory

64k Byte User Memory

Most Micro PLCs have only a limited 8-16k memory. But not this souped up PLC! Some of the things you can do with this 64k byte memory:

- Store 2000 Messages
- Store 500 20 Variable Recipes
- Collect 10,000 Four Variable Data Points

32 Bit, 40 MHz RISC Processor Dedicated to PLC Processing Only, with a Separate Processor for HMI

The EZText PLC has two processors, one for handling the PLC and its I/O, and another co-processor for handling the HMI functions. Even though the two processors cost more, we wanted to make sure that you have one of the fastest PLCs on your machine. This Text Panel PLC rivals scantime specifications of the fastest full-blown PLCs.

