

Models



The EZTouch Panel is an intelligent, programmable, flat panel display. It has been designed to interchange and display graphical data from a PLC by merely viewing or touching the screen.

The EZTouch Panel is available in a variety of models to suit your application. Refer to the table below for a list of part numbers, descriptions and options for all 6-inch Models (including Option Board Models and Slim Bezel Models.) See next page for 8-, 10-, and 15-inch Models.

6-inch EZTouch Panel Models

Part Number	Description	User Memory	Field Expandable User RAM?	Nonvolatile Flash Backup Card Option for Program Backup?	PLC Drivers Supported? *
EZ-S6M-R	6" Monochrome Touch Panel	256K	No	No	See Note #1
EZ-S6M-RS	6" Monochrome Touch Panel with Slim Bezel	256K	No	No	See Note #1
EZ-S6M-F	6" Monochrome Touch Panel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus EZ Ethernet
EZ-S6M-FH	6" DH+ Mono Touch Panel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus Allen-Bradley DH+ and Remote I/O
EZ-S6M-FS	6" Monochrome Touch Panel with Slim Bezel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus EZ Ethernet
EZ-S6M-FSH	6" DH+ Mono Touch Panel with Slim Bezel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus Allen-Bradley DH+ and Remote I/O
EZ-S6C-K	6" Color Touch Panel	512K	Yes — to 1 or 1.5 MEG	Yes	See Note #2
EZ-S6C-KS	6" Color Touch Panel with Slim Bezel	512K	Yes — to 1 or 1.5 MEG	Yes	See Note #2
EZ-S6C-F	6" Color Touch Panel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus EZ Ethernet
EZ-S6C-FH	6" DH+ Color Touch Panel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus Allen-Bradley DH+ and Remote I/O
EZ-S6C-FS	6" Color Touch Panel with Slim Bezel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus EZ Ethernet
EZ-S6C-FSH	6" DH+ Color Touch Panel with Slim Bezel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus Allen-Bradley DH+ and Remote I/O

* List of PLC Drivers supported is provided on page 8 of this manual.
 Note #1: Supports all drivers in list, but NO OPTION BOARDS.
 Note #2: Supports AutomationDirect (DirectLogic) Serial Drivers including H2-WPLC-XX.

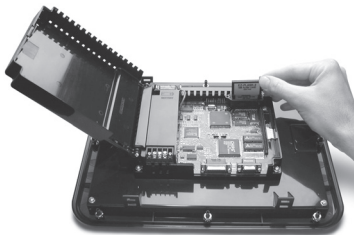
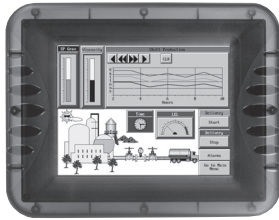


8-inch, 10-inch, and 15-inch EZTouch Panel Models

In the table below are the 8-, 10-, and 15-inch EZTouch Panel models including the Slim Bezel Models and Models with the A-B Data Highway Plus (and Remote I/O), DeviceNet I/O, Ethernet/IP, Modicon ModBus Plus, or Profibus-DP Network interface module (option card) installed. If using an option board connector, you cannot use the PLC port at the same time to connect to another type PLC. The panel supports only one PLC driver at a time.

Part Number	Description	User Memory	Field Expandable User RAM?	Nonvolatile Flash Backup Card Option for Program Backup?	PLC Drivers Supported? *
EZ-S8C-F	8" Color Touch Panel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus EZ Ethernet
EZ-S8C-FS	8" Color Touch Panel with Slim Bezel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus EZ Ethernet
EZ-S8C-FH	8" DH+ Color Touch Panel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus Allen-Bradley DH+ and Remote I/O
EZ-S8C-FSH	8" DH+ Color Touch Panel with Slim Bezel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus Allen-Bradley DH+ and Remote I/O
EZ-T10C-F	10.4" Color Touch Panel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus EZ Ethernet
EZ-T10C-FH	10.4" DH+ Color Touch Panel	512L	Yes — to 1 or 1.5 MEG	Yes	All, plus Allen-Bradley DH+ and Remote I/O
EZ-T10C-FS	10.4" Color Touch Panel with Slim Bezel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus EZ Ethernet
EZ-T10C-FSH	10.4" DH+ Color Touch Panel with Slim Bezel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus Allen-Bradley DH+ and Remote I/O
EZ-T10C-FSD	10.4" DeviceNet I/O Color Touch Panel with Slim Bezel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus DeviceNet I/O
EZ-T10C-FSE	10.4" Ethernet/IP Color Touch Panel with Slim Bezel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus Ethernet/IP
EZ-T10C-FSM	10.4" Modbus Plus Color Touch Panel with Slim Bezel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus Modbus Plus
EZ-T10C-FSP	10.4" Profibus-DP Color Touch Panel with Slim Bezel	512K	Yes — to 1 or 1.5 MEG	Yes	All, plus Profibus-DP
EZ-T15C-FS	15" Color Touch Panel with Slim Bezel	1024K	Yes — to 1.5 or 2 MEG	Yes	All, plus EZ Ethernet
EZ-T15C-FSH	15" DH+ Color Touch Panel with Slim Bezel	1024K	Yes — to 1.5 or 2 MEG	Yes	All, plus Allen-Bradley DH+ and Remote I/O
EZ-T15C-FSD	15" DeviceNet I/O Color Touch Panel with Slim Bezel	1024K	Yes — to 1.5 or 2 MEG	Yes	All, plus DeviceNet I/O
EZ-T15C-FSE	15" Ethernet/IP Color Touch Panel with Slim Bezel	1024K	Yes — to 1.5 or 2 MEG	Yes	All, plus Ethernet/IP
EZ-T15C-FSM	15" Modbus Plus Color Touch Panel with Slim Bezel	1024K	Yes — to 1.5 or 2 MEG	Yes	All, plus Modbus Plus
EZ-T15C-FSP	15" Profibus-DP Color Touch Panel with Slim Bezel	1024K	Yes — to 1.5 or 2 MEG	Yes	All, plus Profibus-DP
* List of PLC Drivers supported is provided on page 8 of this manual.					

Features



- Pre-built panel components for easy screen design
- Special parts, such as: Toggle Switch, Slide Switch, Selector Switch, Throw Switch, Thumbwheel Object, Meters, PID Faceplates, and Analog/Digital Clock
- Flash based design for easy firmware upgrade
- Field expandable user RAM (not all models)
- Nonvolatile flash card option for user program backup (not all models)
- Color models support 128-color palette for components and bitmaps
- 16 shades of gray on monochrome models
- Multiple languages (up to 9)
- Two communications ports — Computer (RS-232C) and PLC (RS-232C, RS-422A, or RS-485A)
- Up to 999 screens
- Built-in clock and calendar or reference the PLC clock
- Built-in soft keypad for numeric and alphanumeric entry
- Password Protection for every touch object
- Passwords for up to 8 user groups
- 16 level undo and redo
- Import bitmaps
- Serial Printer support
- 40-character tag names allows you to use meaningful names for PLC memory locations instead of cryptic PLC addresses



PLCs Supported by the EZTouch Panels

PLC Brand	Model	Protocols Supported	
Allen-Bradley	Micrologix 1000/1200/1500, SLC500, 5/01./02./03	DH485/AIC/AIC+	
	Micrologix 1000/1200/1500	DF1 Half Duplex; DF1 Full Duplex	
	SLC5/03, 5/04, and 5/05	DF1 Half Duplex; DF1 Full Duplex	
	PLC5	DF1	
	SLC5/04, PLC5	DH+ (Option Card)	
	PLC2, 3 and 5	Remote I/O (w/ DH+ Plus Option Card)	
DeviceNet	DeviceNet I/O	DeviceNet I/O (Option Card)	
Ethernet	Ethernet/IP (Control-Logix)	Ethernet/IP (Option Card)	
General Electric	90/30 and 90/70 Versamax	SNPX SNP	
Mitsubishi	FX Series (all)	FX, Direct	
Modicon	984 CPU, Quantum 113 CPU AEG Modicon Micro Series 110 CPU: 311-xx, 411-xx, 512-xx, 612-xx	Modbus RTU	
	984 Series, Quantum Series	Modbus Plus (Option Card)	
Omron	C200, C500, CQM1, CPM1	Host Link	
Profibus	Profibus-DP	Profibus-DP (Option Card)	
DirectLogic	DL05, DL06	K-Sequence; DirectNet; ModBus (Koyo addressing)	
	DL105	K-Sequence	
	DL205	D2-230	K-Sequence
		D2-240	K-Sequence; DirectNet
		D2-250/D2-250-1/260	K-Sequence; DirectNet; ModBus (Koyo addressing)
		D2-240/250 w/DCM	DirectNet
	DL305	D3-330/330P	DirectNet
		D3-340	DirectNet
		D3-350	K-Sequence; DirectNet; ModBus (Koyo addressing)
		D3-350 w/DCM	DirectNet
	DL405	D4-430	K-Sequence; DirectNet
		D4-440	K-Sequence; DirectNet
		D4-450	K-Sequence; DirectNet; ModBus (Koyo addressing)
		All with DCM	DirectNet
Siemens	Siemens S7 MPI Adaptor 300, 400	3964R	
Other	H2- WinPLC [Entivity (Think & Do) V5.2 or later, check for version compatibility]	Entivity (Think & Do) Modbus RTU (serial port)	
	H2/H4 EBC, T1H-EBC	K-Sequence (serial port)	



Replacement and Optional Equipment

There are replacement parts and other optional equipment available to customize or upgrade the EZTouch Panel to fit your application. The table, below, provides you with a list of this equipment. Instructions, if necessary, on how to install this equipment to upgrade your unit are also provided. (For instructions to mount the 6-inch EZTouch Panel with DIN clips, see pages 27 and 28.)

To order from this list, phone Automationdirect.com at 1-800-663-0405.

Item	Part Number
EZTouch Panel Programming Software	EZ-TOUCHEDIT
512K RAM Card	EZ-RAM-1
1 MEG RAM Card	EZ-RAM-2
512K Flash Option (Flash backup card)	EZ-FLASH-1
1 MEG Flash Option (Flash backup card)	EZ-FLASH-2
2 MEG Flash Option (Flash backup card)	EZ-FLASH-3
EZTouch Replacement Battery	EZ-BAT
EZTouch Optional DIN Mounting Clips (package of 6)	EZ-BRK-1
Mounting Studs (package of 8)	EZ-TOUCH-STUDS
Standard Replacement Gasket (6" Model)	EZ-TOUCH6-GSK
Standard Replacement Gasket (8" Model)	EZ-TOUCH8-GSK
Standard Replacement Gasket (10" Model)	EZ-TOUCH10-GSK
Slim Replacement Gasket (6" Model) FDA Compliant	EZ-6SLIMF-GSK
Slim Replacement Gasket (8" Model) FDA Compliant	EZ-8SLIMF-GSK
Slim Replacement Gasket (10" Model) FDA Compliant	EZ-10SLIMF-GSK
Slim Replacement Gasket (15" Model) FDA Compliant	EZ-15SLIMF-GSK
EZTouch Panel Ethernet Card	EZ-ETHERNET
EZTouch Panel Hardware User Manual	EZ-TOUCH-M
EZ Ethernet Option Card Manual	EZ-ETHERNET-M



PLC Cable Part Numbers — 3m (9.8 ft.)

Part Number	Cable Description
EZ-2CBL	Direct Logic PLC RJ12 port, DL05, DL06 DL105, DL205, DL350 & DL450 (RS-232C)
EZ-2CBL-1	Direct Logic (VGA Style) 15-pin port, DL 250 (250-1), DL260, DL06 (RS-232C)
EZ-3CBL	Direct Logic PLC RJ11 port, DL340 (RS-232C)
EZ-4CBL-1	Direct Logic PLC 15-Pin Dsub port, DL405 (RS-232C)
EZ-4CBL-2	Direct Logic PLC 25-Pin Dsub port, DL405, DL350, DL305 DCU, and all DCM's (RS-232C)
EZ-90-30-CBL	GE 90/30 and 90/70 15-pin Dsub port (RS-422A)
EZ-DH458-CBL	AB SLC DH-485 port (RS-232C)
EZ-SLC-232-CBL	AB SLC 5/03/04/05 DF1 port (RS-232C)
EZPLC5-232-CBL	AB PLC5 DF1 port (RS-232C)
EZ-MLOGIX-CBL	AB MicroLogix 1000, 1200 & 1500 (RS-232C)
EZ-MITSU-CBL	Mitsubishi FX Series 25-pin port (RS-422A)
EZ-MITSU-CBL-1	Mitsubishi FX Series 8-pin (RS-422A)
EZ-OMRON-CBL	Omron C200, C500 (RS-232C)
EZ-S7MPI-CBL	Siemens 7 MPI Adapter (RS-232C)

Programming Cable Part Number — 2m (6.56 ft.)

EZTOUCH-PGMCBL	RS-232 Programming Cable
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