

UTICOR Technology, L.P.4140 Utica Ridge Rd., Bettendorf, IA 52722 Ph: (563) 359-7501 Fax: (563) 359-9094

Upgrading The Firmware of EZTouchPanels

Warning: Make a backup copy of your panel program before proceeding with the firmware upgrade

Note: The following Firmware Upgrade Procedure is not applicable to CE Panels (EZC/EZCD) or Windows Panels (EZPC/EZW)

Steps:

• Open your panel program in the EZ Series Touch Panel Programming Software (Press the Edit Program OFF-LINE button, select your project, then press the OK button.

Project Information	23
EZSeri Diana Contractioneric Touch P	Control of the second system EZSeries Touch Panel Programming Software Version 6.0 EZAutomation : Phone: 1-877-774-EASY ancis
SELECT ACTION	Selected Action : Edit OFF-LINE Write Later ENTER PROJECT INFORMATION Project Location :
Edit Program OFF-LINE (Write to Panel Later)	C:\Users\aabuzant\Desktop\ Project Name : TTM 1M.ezp Firmware Revision
Read Program from Panel and Edit OFF-LINE	Start Editing Screen Number 1 Vertical Screen Select EZSeries Panel Panel Family
Edit Program ON-LINE	EZ-SE Series ● 4" ● 6" ● 8" ● 10" ● 15"
PC to Panel Connection Serial COM1 Ethernet Ethernet (EzEther) Modem	Select Model 6" SE Series (with Ethernet) PLC PLC Manufacturer : PLC Model and Protocol : Allen-Bradley ▼ MicroLogix DF1(Full Duplex)- Rev J / F View/Edit PLC Com Setup
	Ok D Help Clear Exit



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• Go to -> Setup -> Upgrade Firmware

EZSeries Touch Panel Editor - [TTM 1M.ezp - #1 Main	n - EZ-SE Series Family]	the local differentiate. Henced lines	
File Edit Screen Objects Draw Panel Set	up Remote Access Window Help		_ & ×
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○ ○ ⑧ 〒 🎳 TRI 🗐 📾 🔅	Tag Cross Reference		
	Tag Cross Reference By Screen		
	Read AVG Panel / PLC Tags		
	Export Tags		
	Import Tags		
⊡	Alarm Database		
2-Menu Fault M	Export Alarms		
4 Input Diag	Import Alarms		
5 - Input Dia, Reset s	Message Database		
7 - Output Di	Export Messages		
💊 8 - Settings 1	Import Messages		
9-Setup 1	Image Library		
11 - Setup 2	Image Library Cross Reference		
12 · Output E	image closary cross references.		
13 - Output E	Language Texts		
🔖 15 - Input Dia	Panel Attributes		
16 - Input Dia	Project Description		
18 - Run Sec	Select PLC		
20 - Settings	Upgrade Firmware		
21 - Settings	Upgrade TouchPLCJr Boot		
22 - Setup 4			
24 - Output E	Ethernet Setup		
Alarm Preview	Data Acquisition		-
			E. ▲
Displays Upgrades Firmwar dialog		No. of Selected Objects: 0 X = 317 Y = 26 OFF-LINE MODE	

• Browse to the Firmware directory. Default path is C:\Program

The firmware upgrade file is usually named as Touchpa version, eg. H.O and Jr for specifing TouchPaneUr Pan Touchpanel(_Jr)_x.x.hex (or the file under which you ha	nel[_Jr]_x.x.hex (x.x being the firmware el Firmware files). Please select ave saved the firmware upgrade file)
Firmware Location Firmware is generally stored under following directory: C:\Program Files (x86)\EZAutomation\EZSeries6fullrele.	ase\\Firmware\
	- PC to Panel Connection
CAUTION	





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Files\EZAutomation\EZPanel Enhanced\Firmware\

		Construction of the local division of the lo			
er ▶ Win	ndows7_OS (C:) Program Files (x86)	 EZAutomation + EZSe 	ries TouchPanel6.2	RC2 🕨 Firmware	👻 🍫 Search Firmware
er					₩ ▼ 🛄 😢
Nam	ne	Date modified	Туре	Size	
	EZtouchPlus_K_5_1.hex	2/23/2014 11:55 PM	HEX File	3,188 KB	Used for 15" EZTouchPlus Panel Models.
	PLC_D_19_91.hex_plc	6/26/2013 3:50 PM	HEX_PLC File	911 KB	Used for Standalone PLC
	PLC_JR_C_4_82.hex_plc	6/26/2013 3:50 PM	HEX_PLC File	569 KB	Used for PLC Junior (part numbers EZPLC)
	PLC_MICRO_C_4_82.hex_plc	6/26/2013 3:50 PM	HEX_PLC File	572 KB	Used for standalone PLC Micro Models
	PLC_NANO_C_4_82.hex_plc	6/26/2013 3:50 PM	HEX_PLC File	572 KB	Used for standalone PLC Nano Models
	Touchpanel_EZ3_k_5_30.hex	5/20/2014 3:53 AM	HEX File	1,801 KB	Used for EZ3 TouchPanel Models (part numbers EZ3-TxC-E)
	Touchpanel_Jr_K_5_1.hex	2/23/2014 8:26 PM	HEX File	2,498 KB	Used for 4" EZTouchPanel (Part numbers EZ-T4C-FS/FSE)
	Touchpanel_K_5_1.hex	2/23/2014 8:24 PM	HEX File	1,644 KB	Used for Full Enhanced TouchPanels (Part numbers ending with F/R/Exx)
	Touchpanel SE K 5 1.hex	2/23/2014 8:26 PM	HEX File	1,341 KB	Ised for SE Family TouchPanels (Part numbers ending with S/SE/SEU)
Ē	TouchPLCJr_K5.1_D19.95_A1.2.hex	2/23/2014 8:27 PM	HEX-File -	414 KB	 Used for 4* Junior TouchPLC Family (Part numbers EZ-JTPLC-x-x-x)

• Select the appropriate firmware package. Starting in EZ Series Touch Panel Programming Software version 5.0 and above, the EZ Touch 4" panel became available.

Select the firmware version with a JR in the name for the 4" EZ Touch Panels only. Starting with Version 5.4, the S and SE panels became available. Select the firmware package with an SE in the name for these panels. Select the firmware version that has neither JR nor SE in the name for all other panels.

• Press OK, then the following window will pop up:

Jpgrading Panel Firm	ware		<u> </u>
EZSeries Touch Pa by the file shown be the firmware is upda	nel Editor will upgrade t low and the user progr ited. Press CONTINUE	he current firmware in the am in panel will be lost whe to upgrade.	panel nen
C:\Program Fil	es (x86)\EZAutomation	\EZSeries6.0.2\Firmware\	.То
File Revision Panel Revision	K.3 K.3.161	Select a different file	e
Pri	ess Continue button to I	load the firmware	
Continue	Cancel	Не	lp

• After making sure the Panel is powered up, connected to the PC, click "Continue"

Warning: Once you click continue, the upgrade process will start, and you will lose any existing project on the panel, so please make sure to have a backup copy



UTICOR Technology, L.P.4140 Utica Ridge Rd., Bettendorf, IA 52722 Ph: (563) 359-7501 Fax: (563) 359-9094 Below message is a warning confirming loss of project once firmware upgrade commences:

EZSeries To	ouch Panel
2	Upgrading Panel Firmware will clear the user program in the Panel. If you do not want to lose program in the panel, first Read program from Panel and save it on your PC. Do you want to continue Upgrading Panel Firmware?
	Y No

• If everything is right, the Panel firmware upgrade should begin as shown below:

Upgrading Panel Firm	ware	
EZSeries Touch Pa by the file shown ba the firmware is upda Firmware file to s	anel Editor will upgrade the elow and the user program ated. Press CONTINUE to end to panel/Plc	current firmware in the panel in panel will be lost when upgrade.
C:\Program Fi	les (x86)\EZAutomation\E2	ZSeries6.0.2\Firmware\To
File Revision Panel Revision	K.3 K.3.161	Select a different file
	Upgrading firmwar	e
	11%	
Continue	Abort	Help

• You should see "No power up Screen" after successful firmware download, Please download the project to the EZ Touchpanel again to retain full operation







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<u>APPENDIX A</u>

Please note that if your unit's serial number begins with 03 or lower, you will need an older firmware. These panels were manufactured before a hardware change that made them incompatible when we no longer distributed through Automation Direct. Please contact Technical Support directly for more information.

Caution: While upgrading the Firmware, please ensure your Laptop computer is plugged in to the power source. If you lose power to the laptop (battery drained out) and if it shuts down halfway through the firmware upgrade process, panel will be unresponsive and is not repairable in the field. Please send it to the factory for repair or call EZ Automation customer Service.

Starting Serial Number	Highest usable firmware level	Highest usable Software level
01	D6	4.3D
02-03	611	4.3D
04	H0 / H1	4.3D
05	H1 or Newer	Upgradable to latest version with panel firmware change*

Software / Firmware Compatibility List

Serial numbers starting with 06 or greater can use the latest software and firmware.

*Some earlier versions of the 05 panel will not accept anything higher than H1 firmware. A message will report "not enough memory". If this message is present, use H1 version of the firmware and software version 5.0

Note: This compatibility chart DOES NOT APPLY to Windows CE based panels. Call Technical Support for the appropriate firmware and installation instructions for these panels.

We have different firmware for EZ Touch SE series panels I.17.102 (SE) and EZ Touch Junior panels I.17.102 (JR). Please use the correct firmware to upgrade..

If you are unable to resolve your issues or have more questions, please do not hesitate to contact us at Email: Techsupport@ezautomation.net Phone: 1-877-774-3279