

© Copyright EZTech Ltd. 2005 all rights reserved <u>www.eztech.ind.br</u>

# INTEGRATION KIT

# QUICK START

# MANUAL



© Copyright EZTech Ltd. 2005 all rights reserved <u>www.eztech.ind.br</u>



# Summary

Unboxing
Connecting Card Reader
Connecting Communication Cable with Pump
Connecting the EZRemote with EZForecourt Plus
Connecting RS485 to USB on your computer
Download the installation package
Installing and configuring the EZTech package
EZIPConfig
EZForecourt and Computer Network Physical Connection
Changing Parameter RS485Echo
EZSim
EZMonitor
Connecting Cable to Simulate Tank
Connecting Network Cable with DB9 Female Connector to RJ45 Female Converter
Connecting RS232 to DB9 Converter
Connecting RS232 Converter to Computer
Download the pendrive
Tank Simulator Installation
Tanks Simulator
Tank Visualization on Monitor



© Copyright EZTech Ltd. 2005 all rights reserved <u>www.eztech.ind.br</u>

#### UNBOXING INTEGRATION KIT



#### Unboxing

You will receive the Integration Kit:

- 1. EZForecourt Plus.
- 2. EZRemote.
- 3. 2x Card Readers.
- 4. Mifare Cards.
- 5. RS485 to USB Converter.
- 6. Communication Cable.
- 7. RS232 to USB Converter.
- 8. 2x Network Cables.
- 9. 2x Power Supplies 12Vdc.

10. DB9 Female Connector to RJ45 Female Converter.

#### Unboxing

Upon receiving the kit, check that the 5 and 6 component connections are secure before proceeding with the process.



1: Connecting the card readers.



Connecting Card Reader



2: Connect the RS485 to USB Converter in EZRemote [Pump RS485] port.

Connecting Communication Cable with Pump



3: Connect the EZRemote with EZForecourt Plus, using the communication cable on the EZRemote **[Automation CL]** port and EZForecourt Plus **[Slot 1]**.



Connecting the EZRemote with EZForecourt Plus

4: Connect the RS485 to USB Converter cable to the computer. Connect the power supplies EZForecourt Plus and EZRemote



Connecting RS485 to USB on your computer



Check the Device Manager for the COM created by your computer, it must be configured when opening EZSim [C: \ EZForecourt \ EZSim].

derenciador de Dispositivos	EZTech pump simulator	- 🗆 X
Arquivo Ação Exibir Ajuda	Actions Port Window	
(= -) 🖬 📓 🖬 💭 💺 🗙 💿	COM1 🗖 🖼 Pump 2	~
🗸 🗄 EztechEric	Pum COM2 DI F	
> 🖵 Adaptadores de rede	V COM3 Volume	0,00
> 🏣 Adaptadores de vídeo	COM4 Slow Preset	Slow
> 🗽 Baterias	COM5 Flow Volume 0,00 Value	0,00 How
> 😢 Bluetooth	COM6 East	East
> Computador	Flow Value 0,00 Price 0,	Flow
> Sa Controladores de armazenamento	e 2 Hose 3 Hose 4 Hose 1	Hose 2
Controladores de som, video e jogos		
Controladores IDE ATA/ATAPI	Auth COM9 Hose 2 Hose 3 Hose 4 Auth Hose 3	Hose 2
<ul> <li>Dispositivos de geração de imagens</li> </ul>	Price 1 COM10 ,500 \$/L 2,300 \$/L 0,000 \$/L Price 1 3,000	\$/L 2,500 \$/L
Dispositivos de Interface Humana	COM11 000 \$11 0 000 \$11 0 000 \$11	¢11 2 000 ¢11
Dispositivos de sistema	Price 2 COM12 COM1	\$/L Z,000 \$/L
Dispositivos do software	ETotal COM13 0,00 0,00 ETotal L	0,00 0,00
> 🗐 Entradas e saídas de áudio	COM14 0.00 0.00 ETabl e1	0.00
> 💼 Filas de impressão		0.00
> 🚍 Jungo	ETotal COMIS ETotal \$2	0,00
> 🛄 Monitores	COM16	
> Mouse e outros dispositivos apontadores	COM17 COM17	
✓	COM18 IDLE	0.00
USB Serial Port (COM9)	V COM19 Volume Volume	0,00
Processadores		O OO Elow
> E Sensores	Volume V,00 Value	0,00
> I Teclados	Drive 0.000 \$/I Fast Volum 0.00 Drive 0.0	000 \$/I Fast
> 🔤 Unidades de disco	Price v, vo via How Value v, vo Price v,	Flow
l	Hose 1 Hose 2 Hose 3 Hose 4 Hose 1	Hose 2
	<	>

#### 5: Download the installation package. Link: <u>http://eztech.ind.br//integracao-e-suporte.php</u>

$\leftrightarrow$ C $\triangle$	🛈 www.eztech.ind.br//integracao-e-suporte.php	
Apps		
	High Perfomance Automation For Gas Stations	
	Support Integration	
	The hours of support are Honday through Friday from 8am to 7pm and Saturday from 8.30 am to 12.30 pm. OHT. We have a team willing to Carry' any questions and / or difficulty regarding our products are well as assist with any other needs related to the implementation of our solutions. Fixed: 21-3250110 ou 21-35270501; extension line 13 control and the set of th	
	Find below the desired feature or download the entire pendrive which contains the entire download area	
	Installers	
	EZForecourt Plus EZForecourt Plus Installation / upgrade (including the client) software for use of the EZForecourt Plus controller.	
	EFForecourt USB Installation / upgrade (including the client) software for use of the EZForecourt USB controller.	

Download the installation package



6: Install the EZForecourt Plus package that can be downloaded from the EZTech. **Choose the full installation** option.



Installing and configuring the EZTech package

7: When the installation is finished, the EZIPConfig application will open automatically. If it does not open, it can be run in EZIPConfig.exe [C: \ EZForecourt]. Configure the IP of EZTech applications according to the image.

1	EZForecourt server IP configuration		_		×
	Que tipo de serviço EZServer você tem ?				
	○ EZForecourt instalado neste PC.				
	○ EZForecourt Plus pelo nome do origem EZServerCE. (Precisa de DNS)				
	OPC com EZForecourt ou EZForecourt Plus, com o nome:		(Pre	ecisa de D	NS)
	PC com EZForecourt ou EZForecourt Plus, com endereço IP:     192 . 16	58.1	. 111	]	
			[	OK	

EZIPConfig



8: After installing, make sure EZForecourt Plus is communicating with the computer. Connect the network cable to the LAN port of EZForecourt Plus and the computer.



EZForecourt and Computer Network Physical Connection

By default, the IP configured in EZForecourt Plus is 192.168.1.111.

The IP range configured on the computer or router must match that of EZForecourt Plus.

If EZForecourt Plus is connected to a computer, you can check the IP range of the computer in [Control Panel \ Network and Internet \ Network Connections].



Configuring Network Connections



9: After installing the EZTech package, access the EZSim.INI file in the [C: \ EZForecourt \ EZSim] directory and change the **RS485Echo** parameter *from 1 to 0*.

EZSim.ini - Bloco de notas	_	$\times$
Arquivo Editar Formatar Exibir Ajuda		
Arquivo Editar Formatar Exibir Ajuda [Application] Name=EZSim pump simulator configuration IniVersion=1.10 [Parameters] NumberOfPumps=4 PriceDecimals=2 ValueDecimals=2 VolumeDecimals=2 CommPort=6 AutoFlow=1 SlowRate=0.015 FastRate=0.065 DelTimerInterval=250 PumpsPerRow=2 HorizontalSpace=0 VerticalSpace=0 AutoDelRate=10 FirstPump=1 RS485Echo=0		
		$\sim$

Changing Parameter RS485Echo

10: Run EZSim in the [C: \ EZForecourt \ EZSim] directory and you are ready to simulate your deliveries. Click the Hose X button, pass the client card or the attendant card and start the deliveries.

EXTech pump simulatur ions Port Window	L <sup>2</sup>		30
Pomp 1		🖷 Parage 2	
Pump display Volume 0.00	IDLE	Pump display Volume 0.00	IDLE
Value 0.00 Flow	Volume 0.00	Value 0.00 Flow	Volume 0.00
Price 0.000 \$/L	Value 0.00	Price 0.000 \$/L	Value 0.00
Hore 2	Hose 3 Hose 4	Hose 1 Hose 2	Hose 3 Hose 4
Hose 1 Hose 2	Hose 3 Hose 4	Hose 1 Hose 2	Hose 3 Hose 4
ice 1> 2.279 5/L 2.289 \$/L	1.499 \$/L 0.000 \$/L	Price 1> 2.279 \$/L 2.289 \$/L	1.499 \$/L 0.000 \$/L
tice 2 2.299 \$/L 2.199 \$/L	1.499 \$/L 0.000 \$/L	Price 2 2.299 \$/L 2.199 \$/L	1.499 \$/L 0.000 \$/L
otal L 242.35 89.85	67.52 0.00	ETotal L 58.77 97.15	74.36 0.00
fotal \$1 557,10 209,18	101.80 0.00	ETotal \$1 227.95	111.47 0.00
Total \$2 0.00 0.00	0.00	ETotal \$2 0.00	0.00
		🚽 Pump 4	
Pump display	IDLE	Pump display	IDLE
Volume 0.00	Preset	Volume 0.00	Preset
Value 0.00 Flaw	Volume 0.00	Value 0.00 Flow	Volume 0.00
Price 0.000 \$/L	Value 0.00	Price 0.000 \$/L Fast	Value 0.00
Hose 1 Hose 2	Hose 3 Hose 4	Hose 1 Hose 2	Hose 3 Hose 4
Hose 1 Hose 2	Hose 3 Hose 4	Hose 1 Hose 2	Hose 3 Home 4
nce 1> 2.289 \$/L 2.279 \$/L	1.499 \$/L 0.000 \$/L	Price 1> 2.279 \$/L 2.289 \$/L	1.499 \$/L 0.000 \$/L
nice 2 2.199 \$/L 2.299 \$/L	1.499 \$/L 0.000 \$/L	Price 2 2.299 \$/L 2.199 \$/L	1.499 \$/L 0.000 \$/L
fotal L 78.50 59.38	81.33 0.00	ETotal L 76.79 75.54	53.71 0.00
otal \$1 12765 105.04	121.83 0.00	ETotal \$1 117.09 142.34	80.49 0.00
Total \$2	0.00	ETotal \$2	0.00

EZSim



11: Run the EZMonitor application within the [C:\ EZForecourt \ EZMonitor] directory to track your deliveries.

۵	/ersion	- Clien	t Versio	n - EZForecour	t 2GS Versior	n									- 0	×
011 R\$ 2,0	3,84 7,69 00/L	021 2,72 R\$ 5,45 2,000/L GC			1									Escon	der>> Si	air
Enc	errantes			g   Tanques   ZigBee	 	Tadaa aa Cli		Tadaa aa Faa	atiatan 🖃 🔤	Tadaa aa Tiaaa		Tadaa timda		Tadas as disa		
	I ODAS AS BI	omi <u> </u>	dos os	Bic _   Todos os com	bustiv <u> </u>	TODOS OS CII	entes 💽	Todas as Fre	ntistas 💌	odos os Tipos	·	- Todos tirado		· 1000S OS DIAS	<u> </u>	
A	bastecime	ntos		1												
	ID do abast.	Pos.Abast.	Bico	Combustivel	Preço	Volume	Valor	Cliente	No de Cartão	Tomado por	Tipo de abast.	Data	Hora	Frentista	No de Cartão	Ē
	90	* PA 1	1	Gasolina	R\$ 2,000	16,480	R\$ 32,97	Sem cliente		Pendente	Pós-pago	07/03/2017	15:08	Sem frentista		
	91	* PA 1	1	Gasolina	R\$ 2,000	17,760	R\$ 35,53	Sem cliente		Pendente	Pós-pago	07/03/2017	15:09	Sem frentista		
	92	* PA 1	1	Gasolina	R\$ 2,000	7,040	R\$ 14,09	Sem cliente		Pendente	Pós-pago	07/03/2017	15:10	Sem frentista		
	93	* PA 1	1	Gasolina	R\$ 2,000	10,080	R\$ 20,17	Sem cliente		Pendente	Pós-pago	07/03/2017	15:11	Sem frentista		
	94	• PA 1	1	Gasolina	R\$ 2,000	6,240	R\$ 12,49	Sem cliente		Pendente	Pós-pago	07/03/2017	15:11	Sem frentista		
	95	* PA 1	1	Gasolina	R\$ 2,000	18,720	R\$ 37,45	Sem cliente		Pendente	Pós-pago	07/03/2017	15:12	Sem frentista		
	96	* PA 1	1	Gasolina	R\$ 2,000	3,200	R\$ 6,41	Sem cliente		Pendente	Pós-pago	07/03/2017	15:13	Sem frentista		
	97	* PA 1	1	Gasolina	R\$ 2,000	5,920	R\$ 11,85	Sem cliente		Pendente	Pós-pago	12/03/2017	11:38	Sem frentista		
	98	* PA 1	1	Gasolina	R\$ 2,000	8,000	R\$ 16,01	Sem cliente		Pendente	Pós-pago	12/03/2017	11:39	Sem frentista		
	99	* PA 1	1	Gasolina	R\$ 2,000	18,240	R\$ 36,49	Sem cliente		Pendente	Pós-pago	12/03/2017	11:40	Sem frentista		
	100	* PA 1	1	Gasolina	R\$ 2,000	11,200	R\$ 22,41	Sem cliente		Pendente	Pós-pago	12/03/2017	11:41	Sem frentista		
►	101	* PA 1		Gasolina	R\$ 2,000	6,400	R\$ 12,81	Sem cliente		Pendente	Pós-pago	12/03/2017	11:42	Sem frentista		Ţ
4																•
	Qtde.10	ī			1	.110,400L	R\$ 2.	129,30							Save	•

EZMonitor

12: Connect the network cable to **COM 2** port of EZForecourt Plus.



Connecting Cable to Simulate Tank



13: Connect the network cable with DB9 Female Connector to RJ45 Female Converter.



Connecting Network Cable with DB9 Female Connector to RJ45 Female Converter



14: Connect the RS232 to USB converter with to the female DB9 input.

Connecting RS232 to DB9 Converter



15: Plug the cable into the USB port on your computer.



Connecting RS232 Converter to Computer

16: Download the pendrive. Link: <u>http://eztech.ind.br//integracao-e-suporte.php</u>.

← → C ☆ ③ eztech.ind.br//integracao-e-suporte.php Biblioteca EZTech para uso direto EZClient.dll para chamada à API EZTech fora de ambiente .Net. V versão 21609 de 08/10/2012 Biblioteca EZTech para .Net EZTech.dll para chamada à API EZTech em ambiente .Net. V 21b09 de 08/10/2012 .ne Biblioteca EZTech para Linux Shared Objects para chamada à API EZTech em ambiente Linux. V 21b09 de 08/10/2012 Projeto C++ para Windows Códigos-fonte em C++ para Windows com chamadas à diversas funções da API via EZClient.dll 10/12/2012 Projeto C# para Windows Códigos-fonte em C# com chamadas à diversas funções da API via EZClient.dll Projeto em Delphi 7 Códigos-fonte em Delphi 7 com chamadas à diversas funções da API via EZClient.dll. 10/12/2012 Simulador de medidor de tanques Aplicativo TGSim para simulação de medidor de tanques. 31/12/1969 **61** 

Download the pendrive



### 17: Install the Tank Simulator in [Pendrive\Simulador de Tanques].

TGSim Setup	
TGSim Setup Begin the installation by clicking the button below.     If this button to install TGSim software to the specified destination     directory:     Directory:	×
C: (Program Hiles (xdo)) ((CSim)	

Tank Simulator Installation

18: Run the TGSim (Tank Simulator) in [C:  $\ Program Files \ TGSim$ ] and select the COM created by your computer for the RS232 converter "This can be checked in Device Manager".



Tanks Simulator



19: On the Tanks tab in the EZMonitor application within the [C: EZForecourt EZMonitor] directory you can follow the tanks in real time.



Tank Visualization on Monitor