

Soft-GRAF Studio

Create a colorful HMI in the ISaGRAF PAC

ISaGRAF Features

- ISaGRAF supports IEC 61131-3 standard PLC open languages
- Uploading the program in the controller
- On-line Debugging/Control/monitoring, Off-line Simulation
- Lock & unlock I/O
- On-Line Change
- Backup/Restore Applications
- Graphic Debugging Animation

Soft-GRAF Features:

- Soft-GRAF Studio:
 - Simplify HMI screen editing (Mouse drag and drop)
 - HMI without writing programming language
- Support various and colorful HMI objects:
 - Page (Max. 200, support password security)
 - Numeric (Input, input security, display)
 - Text (Dynamic/static text display)
 - Picture (Animated/static picture display)
 - Moving Trace (1-axis or 2-axis)
 - Bar-meter (Vertical/horizontal dynamic display)
 - Buttons displayed as text
 - Buttons displayed as Picture
 - Built-in various object (Will be more)
- Multi-language:
 - English, Traditional Chinese, Simplify Chinese, Russian, etc.
- HMI behave smoothly

Introduction

Soft-GRAF Studio is an HMI (Human Machine Interface) software developed by ICP DAS which allows user to create his colorful HMI application running with the control logic in the same XP-8047-CE6/8347-CE6/8747-CE6, WP-8137/8437/8837, WP-8147/8447/8847 and VP-25W7/23W7 ISaGRAF PAC. User can edit the HMI screen by Soft-GRAF Studio using the graphical drag and drop operation. And use ISaGRAF to design the control logic by PLC Languages (Ladder, ST, FBD,).

Running HMI and Control Logic in the Same PAC



For more information, refer to www.icpdas.com > FAQ > Software > ISaGRAF Ver.3 (English) > 146

Specifications

ISaGRAF PAC Model	XP-8x47-CE6 (-PRO)	WP-8x37	WP-8x47	VP-23W7	VP-25W7
Operating System	Win CE 6.0 R3 Core	Win CE 5.0		Win CE 5.0	
Development Software	ISaGRAF Ver. 3 : IEC 61131-3 standard. LD, ST, FBD, SFC, IL & FC Support Soft-GRAF to develop HMI				
Max. ISaGRAF Code Size	2 MB	1 MB		1 MB	
CPU	AMD LX 800, 500 MHz	PXA270, 520 MHz		PXA270, 520 MHz	
Flash	4 GB	128 MB	96 MB	96 MB	
SDRAM/RAM	512 MB	128 MB		128 MB	
Dual Battery Backup SRAM	512 KB	512 KB		512 KB	
Touch Panel	-	-		-	Yes
LCD Monitor	-	-		3.5"	5.7"
VGA (Resolution)	1024 x 768	1024 x 768	800 x 600	320 x 240	640 x 480
USB	2	2	1	1	
Ethernet	2	2		1	
RS-232/RS-485	4 or 5	2 or 4		2	
I/O Slot	0/3/7	1/4/8		3	

Ordering Information

Model	Description
ISaGRAF-256-E ISaGRAF-256-C	ISaGRAF Workbench Software Ver.3 (256 I/O Tags) with one USB Dongle and one application book (-E for English, -C for Chinese).
ISaGRAF-32-E ISaGRAF-32-C	ISaGRAF Workbench Software Ver.3 (32 I/O Tags) with one application book (-E for English, -C for Chinese).
XP-8047-CE6 CR XP-8347-CE6 CR XP-8747-CE6 CR	0/3/7 slots Ethernet WinCE 6.0 Based ISaGRAF PAC (RoHS)
WP-8137/8437/8837 CR WP-8147/8447/8847 CR	1/4/8 slots Ethernet WinCE 5.0 Based ISaGRAF PAC (RoHS)
VP-23W7 CR VP-25W7 CR	3 slots Ethernet WinCE 5.0 Based ISaGRAF PAC (RoHS) with 3.5" LCD/ 5.7" Touch LCD Panel