

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
- Backup and Restoration of Applications
- Graphic Debugging Animation

Soft-GRAF Features

- Soft-GRAF Studio:
 - Simplify HMI Screen Editing
 - HMI without Writing Programming Language
- Support Various and Colorful HMI Objects:
 - Page (Max. 200, Support Password Security)
 - Label (Normal, Reverse Type, Under-line)
 - Numeric Value (Normal, Scaling, Limit, Blink, Multi-text)
 - Boolean Value (LED, Text/Reverse Text, Blinking)
 - Message Value (Dynamic Message, Multi-language)
 - Button (Value, Title, Picture, Security, Confirm, Password)
 - Picture (Static, Dynamic, Boolean)
 - Login/Logout
 - Bar Meter (Vertical, Horizontal, Scale, Unipolar, Bipolar)
 - Trace (1-axis, 2-axis)
 - Trend (Real-time, Historical)
 - Gauge Meter
 - Alarm Lists
 - Built-in Various Objects (Button, Gif, LED... will be More)
- Multi-language:
 - English, Traditional Chinese, Simplify Chinese, Russian...
- 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, WP-5147/5147-OD 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 Models	XP-8x47-CE6	WP-8x37	WP-8x47	WP-5xx7	VP-23W7	VP-25W7
Operating System	CE 6.0 R3 Core	CE 5.0		CE 5.0	CE 5.0	
Development Software	ISaGRAF Ver. 3 : IEC 61131-3 standard. LD, ST, FBD, SFC, IL & FC Support Soft-GRAF Studio to develop HMI					
Max. ISaGRAF Code Size	2 MB	1 MB		1 MB	1 MB	
CPU	AMD LX 800, 500 MHz	PXA270, 520 MHz		PXA270, 520 MHz	PXA270, 520 MHz	
Flash	4 GB	128 MB	96 MB	64 MB	96 MB	
SDRAM/RAM	512 MB	128 MB		128 MB	128 MB	
Battery Backup SRAM	-	-		-	512 KB * 2	
Touch Panel	-	-		-	-	Yes
LCD Monitor	-	-		-	3.5"	5.7"
VGA (Resolution)	1024 x 768	1024 x 768	800 x 600	800 x 600	320 x 240	640 x 480
USB	2 (Host)	2 (Host)	1 (Host)	2 (Host *1, Client *1)	1 (Host)	
Ethernet	2	2		2	1	
RS-232/RS-485	4 or 5	2 or 4		3	2	
I/O Slot	0/3/7	1/4/8		-	3	
I/O Expansion Bus	-	-		1	-	

Ordering Information

Models	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)
WP-5147 CR WP-5147-OD CR	Palm size Ethernet WinCE 5.0 Based ISaGRAF PAC (RoHS) (WP-5147-OD with audio)
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