

I-8417/8437/8817/8837

ISaGRAF Embedded Controller



What is ISaGRAF?

ISaGRAF is a PLC-like software running on Windows 95/98/NT/2000/XP. It supports all five IEC61131-3 languages, Ladder Diagram (LD), Structured Text (ST), Function Block Diagram (FBD), Sequential Function Chart (SFC), and Instruction List (IL).



ISaGRAF PAC

We provide many controller types supporting ISaGRAF. They can be easily integrated with many HMI softwares and devices such as Indusoft, iFix, Iconics, Wizcon, Intouch, Citect, Modbus OPC server, ICP DAS's MMICON, Touch 506T, 506L & 510T etc.

FEATURES

1. All five IEC61131-3 languages, LD, ST, FBD, SFC and IL, plus Flow Chart.
2. Modbus RTU protocol (RS-232/485) to integrate to SCADA software and HMI.
3. Modbus TC/IP to integrate to SCADA softwares and HMI.
4. Controller to Controller Data Exchange via RS-485.
5. Controller to Controller Data Exchange via Ethernet.
6. Remotely download and monitor the program via a modem.
7. Modbus Master protocol to link to other devices which support Modbus RTU protocol.

8. All I-7000 & I-87K series I/O modules can be integrated as remote I/O modules.
9. W-8x37/8x47 & W-8x36/8x46 support Web HMI that allow other PCs to browse it via Internet Explorer.
10. Spotlight-A Simple HMI included in ISaGRAF to make application more friendly.
11. Auto-scan I/O: Automatically scan I/O boards & declare I/O variables.
12. Data log: data, date & time can be stored at S256/S512 for I-8xx7, while X607/X608 for I-7188EG/XG, and then PC can load these data via RS232/RS485, ethernet & Modem.
13. SMS: When integrating with a GSM Modem, Short Messages Service is available.
14. Motion: Motion control is available when I-8091 boards integrated.
15. Wincon-8047/8347/8747 supports "Controller Redundancy" feature.
16. ISaGRAF version 3 supports "Variable Array"...and more.

SPECIFICATIONS & FEATURES

1. CPU: 80188, 40MHz
2. SRAM: 512K bytes
3. Flash Memory: 512K bytes
4. EEPROM: 2K bytes
5. 64-bit hardware unique serial number
6. Built-in Watchdog Timer
7. Real Time Clock
8. COM0: Internal use
9. COM1: RS-232/Program download port
10. COM2: RS-485
11. COM3: RS-232/485
12. COM4: RS-232
13. S-MMI: Small Man Machine Interface
14. I/O Expansion Slot:
4-slot for I-8417/8437
8-slot for I-8817/8837
15. Power Supply: 20W
Unregulated +10Vdc to +30Vdc
16. Power Consumption:
3.9W for I-8417/8437
5.1W for I-8817/8837
17. Environment:
Operating Temp.: -25°C to +75°C
Storage Temp.: -30°C to +85°C.
18. Humidity: 5~95%
19. Dimensions:
354 x 110 x 75.5 mm (8-slot)
230 x 110 x 75.5 mm (4-slot)
20. I-8000 Target driver and ISaGRAF Target license are included

Salicon Nano Technology Pvt. Ltd.

111, 1st Floor, Laxmi Deep Tower, Laxmi Nagar District Center, Delhi - 110092, INDIA,
Tel: 91-11-22525940, 40618940; Fax; 91-11-22525941; E-mail: info@salicontech.com; Web: www.salicontech.com