

i-7188EG **Expandable ISaGRAF PAC**

SERIES

i-7188



Ordering Information

- **I-7188EG:**
Expandable ISaGRAF PAC
- **I-7188EGD:**
Expandable ISaGRAF PAC with Display

Power Supply Options:

- **PWR-24/110:** Wall-plug Power Adapter/110VAC, 60Hz, 3.6W
- **PWR-24/220:** Wall-plug power Adapter/220VAC, 50Hz, 3.6W
- **PWR-24/230:** Wall-plug power Adapter/230VAC, 50Hz, 3.6W
- **DIN-KA52F:** 1.05 Amp. DIN-Rail Mounting Power supply

Add-on Options:

- **X607:** 128K bytes SRAM expansion board
- **X608:** 512K bytes SRAM expansion board
- **ISaGRAF-256:**
ISaGRAF Workbench Software up to 256 I/O Tags.
- **ISaGRAF-256-E:**
ISaGRAF Workbench Software up to 256 I/O Tags + one English Manual.
- **ISaGRAF-256-C:**
ISaGRAF Workbench Software up to 256 I/O Tags + one Chinese Manual.

Introduction

Compared to I-7188EX, the I-7188EG has the ISaGRAF driver embedded inside.

Features

- Include features of I-7188EX
- Built-in ISaGRAF driver & License
- Programming Languages:
IEC61131-3: LD, ST, FBD, SFC, IL
Flow Chart.
- Modbus RTU (RS232) and Modbus TCP/IP (Ethernet) protocol to integrate to SCADA softwares and HMI.
- Modbus Master protocol (RS485) to link to other devices which support Modbus RTU protocol.
- All I-7000 & I-87K series I/O modules can be integrated as remote I/O modules.
- Controller to Controller Data Exchange via Ethernet & RS485.
- Support ICP DAS's MMICON - Man Machine Interface
- Data log: data, date & time can be stored at X607/X608, and then PC can load these data via RS232 & Ethernet.
- SMS: When integrating with a GSM Modem, Short Message Service is available.

Specifications

- CPU: 80188 40MHz
- SRAM: 512K bytes
- Flash Memory: 512K bytes
- NVSRAM: 31 bytes
- EEPROM: 2048 bytes
- Real Time Clock
- Ethernet port: 10Base-T
- COM1: RS-232-TXD, RXD, RTS, CTS, GND
- COM2: RS-485-D1+, D1-, self-tuner ASIC inside
- User defined I/O pins: 14
- Power requirement: 10 to 30VDC (non-regulated)
- Power consumption: 2.0W for I-7188EG; 3.0W for I-7188EGD
- Dimensions: 123mm x 72mm x 33mm