



- ### Features
- InduSoft Web Studio v7.1
 - ISaGRAF Version 3 : IEC 61131-3 standard
 - PXA 270 CPU (32-bit & 520 MHz)
 - VP-4136 with 10.4" TFT LCD
 - VP-25W6 with 5.7" TFT LCD & 6 Keys Rubber Keypad
 - 64-bit Hardware Serial Number for Software Protection
 - I/O Expansion Ability: Ethernet, RS-232/422/485, FRnet, CAN bus
 - Built-in one Ethernet Port, 2 Serial Ports (RS-232 & RS-485)
 - IP65 Compliant Front Panel
 - Audio with Earphone-Out
 - 3 Slots for High Profile I/O Modules
 - Dual Battery Backup SRAM (512 KB)
 - Operating Temperature: -20 ~ +70°C
-

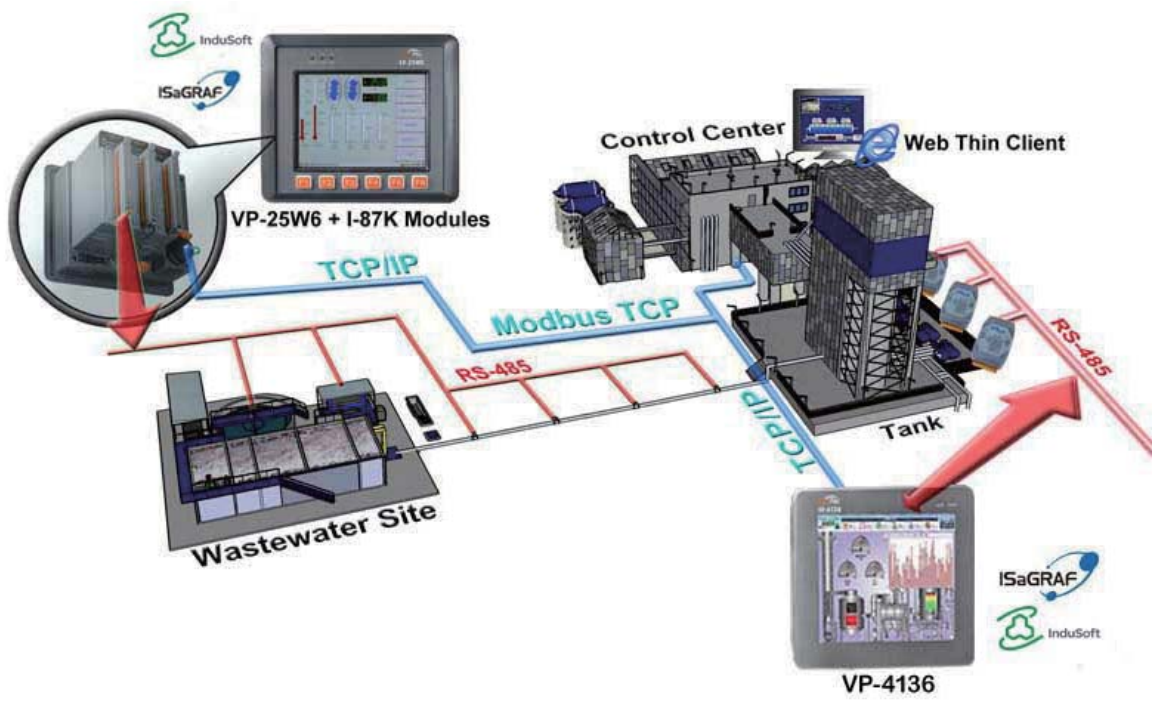
Introduction

ViewPAC-25W6/ViewPAC-4136 is the new generation WinCE based PAC from ICP DAS. ViewPAC combines WinPAC, graphic display and keypad in one unit. It equips a PXA270 CPU (520MHz) running Windows CE.NET 5.0 operating system, variant connectivities (USB, Ethernet, RS-232/485), 3 slots to expand I/O modules, 3.5"/5.7"/10.4" TFT LCD and a rubber keypad.

Its operating system, Windows CE.NET 5.0, has many advantages, includes hard real-time capability, small core size, fast boot speed, interrupt handling at a deeper level, achievable deterministic control and low cost. The VP-25W6 also features with the powerful InduSoft Web Studio and ISaGRAF. InduSoft is the most powerful, integrated collection of e-automation development tool that includes all the building blocks needed to develop Human Machine Interface (HMI) and Supervisory Control and Data Acquisition (SCADA) systems. ISaGRAF is a PLC-like software and supports all five IEC61131-3 languages (LD, ST, FBD, SFC, FC).

Compared to traditional IPC + PLC solutions, ViewPAC reduces overall system cost, space and gives you all the best features of IPC and PLC.

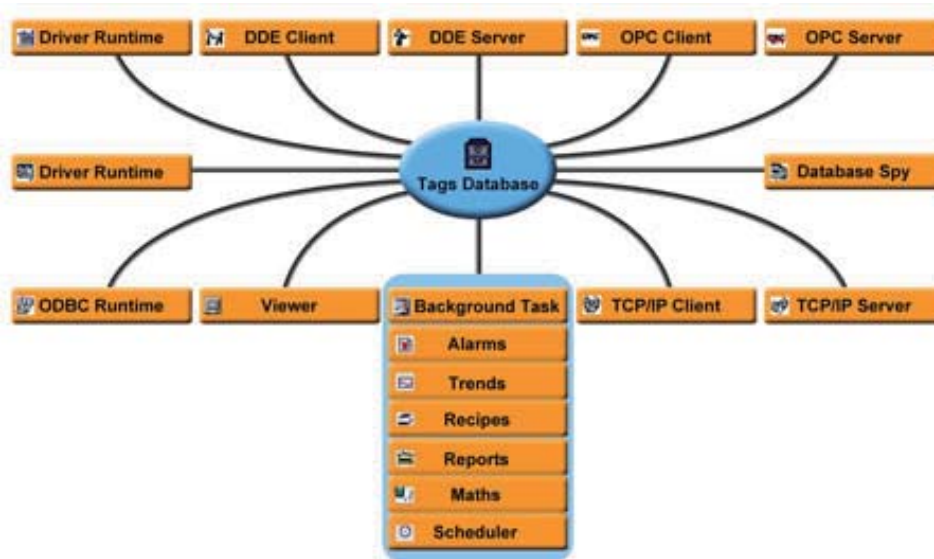
Application



InduSoft Features

IWS applications run on microcomputers connected in real-time to machines or processors through WinPAC programmable controllers, remote I/O devices, and other data acquisition equipment. These applications consist of animated operator-interface screens, rollable I/O devices, an application tags database, and optional modules such as alarm monitors, trend charts, recipes, schedulers, and a security system.

- Intuitive script language with more than 100 standard functions is provided.
- Conform to industry standards such as Microsoft.NET, OPC, DDE, ODBC, XML.
- Full-Featured WinCE-based run-time environment (CE View).
- Dynamic library of symbols - customizable.
- ActiveX container (Windows NT/2000/XP/CE/7/8).
- Automatic e-mail (SMTP) and dial-up connection interface supported.
- Provide multi-level security for applications, including the Internet and Intranet.

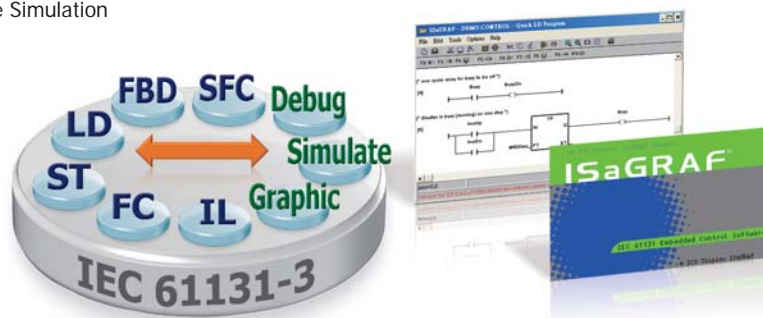


ISaGRAF Features

ISaGRAF is the most powerful SoftLogic package on the market, and is a PLC-like software suite application that supports IEC 61131-3 standard PLC programming languages (LD, FBD, SFC, ST, IL). ISaGRAF can be used to execute applications generated by the ISaGRAF workbench on any ISaGRAF PAC.

The features of the ISaGRAF workbench Ver. 3.x :

- IEC 61131-3 Standard Open PLC Programming Languages (LD, FBD, SFC, ST, IL) + Flow Chart (FC)
- Auto-scan I/O
- Online Debug/Control/Monitor, Offline Simulation
- Simple Graphic HMI
- Support Soft-GRAF HMI



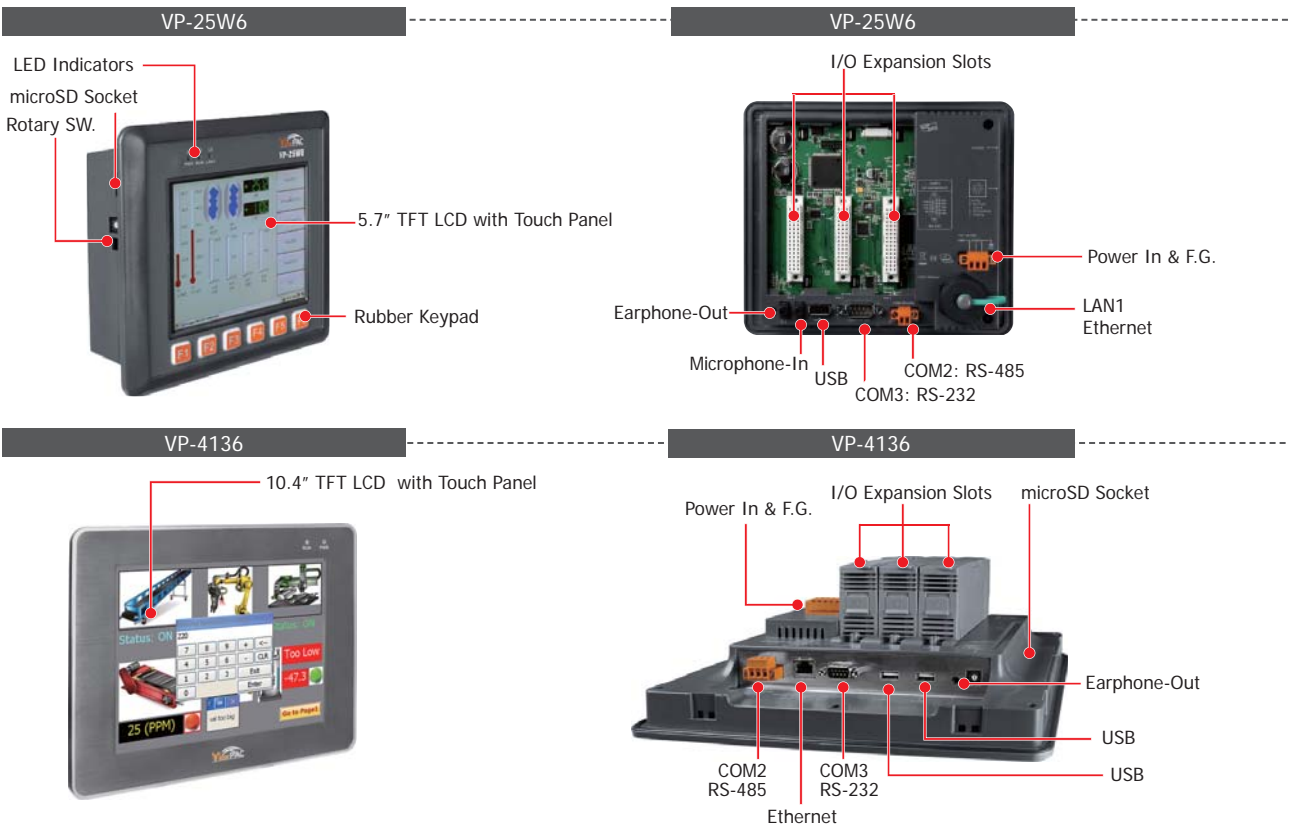
ISaGRAF General Features :

- Modbus RTU/TCP protocol to integrate to SCADA software and HMI
- Controller to Controller Data Exchange via Ethernet: Ebus.
- All I-7000 & I-87K series I/O modules can be integrated as remote I/O modules.
- Auto-scan I/O : Automatically scan I/O boards & declare I/O variables.
- Motion: Motion control is available when I-8091 boards integrated.
- Web HMI: Monitoring and control the local or remote controller via the Internet Explorer running on your PC.

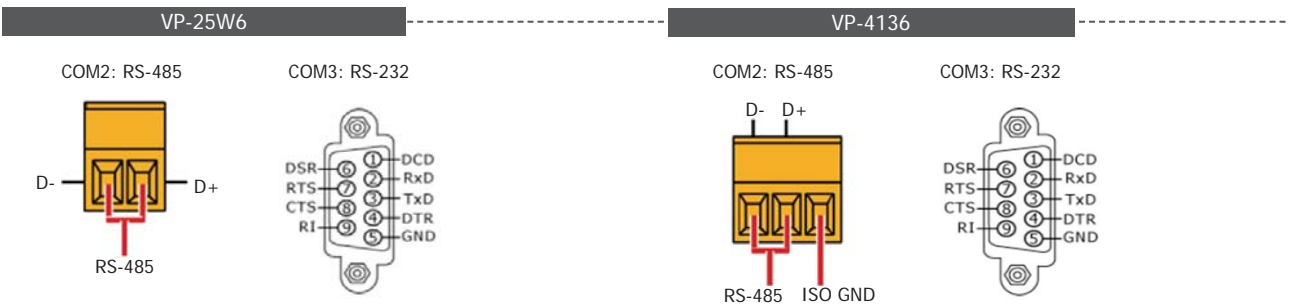
Specifications

Models	VP-25W6	VP-4136
System Software		
OS	Windows CE 5.0	
.Net Compact Framework	3.5	
Embedded Service	FTP server, Web server (supports VB script, JAVA script), Embedded SQL server	
SDK Provided	DII for eVC, DII for Visual Studio.Net 2005/2008	
Multilanguage Support	English, German, French, Spanish, Russian, Italian, Korean, Simplified Chinese, Traditional Chinese	
Development Software		
InduSoft Software	InduSoft Web Studio v7.1	
ISaGRAF Software	ISaGRAF Version 3 : IEC 61131-3 standard. Languages: LD, ST, FBD, SFC, IL & FC	
Others	Options: Microsoft EVC++ 4.0 or VS.NET 2003/2005/2008 (VB.NET 2003/2005/2008, C#.NET 2003/2005/2008)	
CPU Module		
CPU	PXA270 or compatible (32-bit and 520 MHz)	
SDRAM	128 MB	
Dual Battery Backup SRAM	512 KB (for 5 years data retain)	
Flash	96 MB (64 MB for OS image, 31 MB for built-in Flash disk, 1 MB for registry)	128 MB
EEPROM	16 KB; Data Retention: 40 years; 1,000,000 erase/write cycles	
Expansion Flash Memory	microSD socket with one 4 GB microSD card (support up to 16 GB microSDHC card)	
RTC (Real Time Clock)	Provide seconds, minutes, hours, day of week/month, month and year, valid from 1980 to 2079	
Hardware Serial Number	Yes, 64-bit Hardware Serial Number	
Dual Watchdog Timer	Yes	
Rotary Switch	Yes (0 ~ 9)	
Communication Interface		
Ethernet	RJ-45 x 1, 10/100 Base-TX (Auto-negotiating, Auto MDI/MDI-X, LED indicators)	
USB 1.1 (host)	1	2
USB 1.1 (client)	-	1
COM 2	RS-485 (D2+, D2-); self-tuner ASIC inside; 2500 VDC Isolated.	
COM 3	RS-232 (RxD, TxD, CTS, RTS, DSR, DTR, CD, RI and GND); Non-isolated	
MMI (Man Machine Interface)		
LCD	5.7" TFT (Resolution 640 x 480)	10.4" TFT (Resolution 800 x 600)
Touch Panel	Yes	
Rubber Keypad	6 Keys	-
Audio	Microphone-In and Earphone-Out	Earphone-Out
LED Indicators	3 Dual-Color LEDs (PWR, RUN, LAN1, L1, L2, L3; L1~L3 For User Programmable)	2 Dual-Color LEDs (PWR, RUN)
I/O Expansion Slots		
Slot Number	3 (For High Profile I-8K and I-87K Modules Only)	
Mechanical		
Dimensions (W x L x H)	182 mm x 158 mm x 125 mm	293 mm x 231 mm x 129 mm
Ingress Protection	Front panel: IP65	
Environmental		
Operating Temperature	-20 ~ +70°C	
Storage Temperature	-30 ~ +80°C	
Ambient Relative Humidity	10% ~ 90% RH, non-condensing	
Power		
Input Range	+10 ~ +30 VDC	
Isolation	1 kV	
Capacity	2.5 A, 5 V supply to I/O expansion slots	
Consumption	7.2 W (0.3 A @ 24 VDC)	8.5 W

Appearance



Pin Assignment



Ordering Information

VP-25W6-EN CR	InduSoft and ISaGRAF based ViewPAC with 5.7" LCD (English Version of OS) (RoHS)
VP-4136-EN CR	InduSoft and ISaGRAF based ViewPAC with 10.4" LCD (English Version of OS) (RoHS)
VP-25W6-TC CR	InduSoft and ISaGRAF based ViewPAC with 5.7" LCD (Traditional Chinese Version of OS) (RoHS)
VP-4136-TC CR	InduSoft and ISaGRAF based ViewPAC with 10.4" LCD (Traditional Chinese Version of OS) (RoHS)
VP-25W6-SC CR	InduSoft and ISaGRAF based ViewPAC with 5.7" LCD (Simplified Chinese Version of OS) (RoHS)
VP-4136-SC CR	InduSoft and ISaGRAF based ViewPAC with 10.4" LCD (Simplified Chinese Version of OS) (RoHS)

Accessories

Accessories	
DP-660	24 VDC/2.5 A, 60 W and 5 VDC/0.5 A, 2.5 W Power Supply with DIN-Rail Mounting
MDR-20-24 CR	24 VDC/1.0 A, 24 W Power Supply with DIN-Rail Mounting (RoHS)
MDR-60-24 CR	24 VDC/2.5 A, 60 W Power Supply with DIN-Rail Mounting (RoHS)