

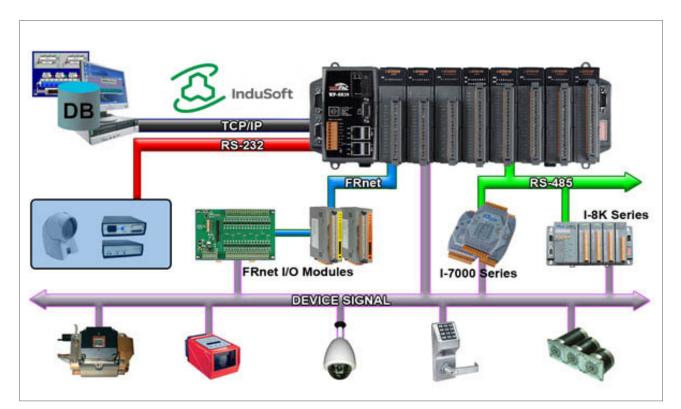
Introduction _____

ICP DAS WinPAC-8x39 Series (WP-8139/8439/8839) is the new generation WinCE based PAC (Programmable Automation Controller). It features with the powerful InduSoft Web Studio. 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.

WinPAC-8x39 equips a PXA270 CPU (520MHz) running Windows CE.NET 5.0 Operating System, variant connectivity (10/100 Base-TX dual Ethernet, RS-232, RS-485, VGA, and USB ports) and 1/4/8 slots for high performance Parallel-type I/O modules (High Profile I-8K series) and Serial-type I/O modules (Hot-Swap High Profile I-87K I/O modules). Memories come with 128 MB SRAM, 512 KB dual battery backup SRAM, 128 MB FLASH & 16 GB microSD. For redundant supporting: dual Watchdog Timers, redundant power inputs, dual battery backup SRAM, dual Ethernet Ports. WinPAC-8x36 Series will upgrade your system!

Applications .

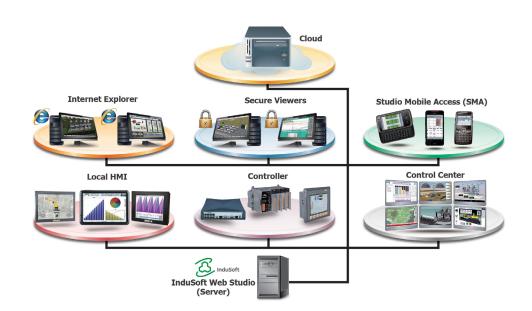
Environment monitoring, factory automation, building management system, industrial machine control, etc.

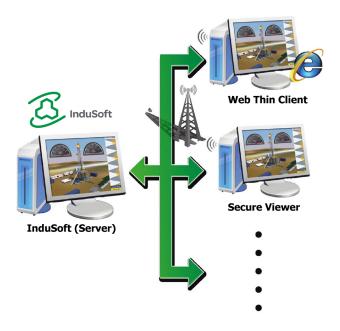


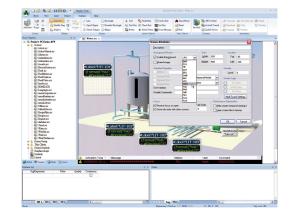
InduSoft Features _

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/CE).
- Automatic e-mail (SMTP) and dial-up connection interface supported.
- Provide multi-level security for applications, including the Internet and Intranet.



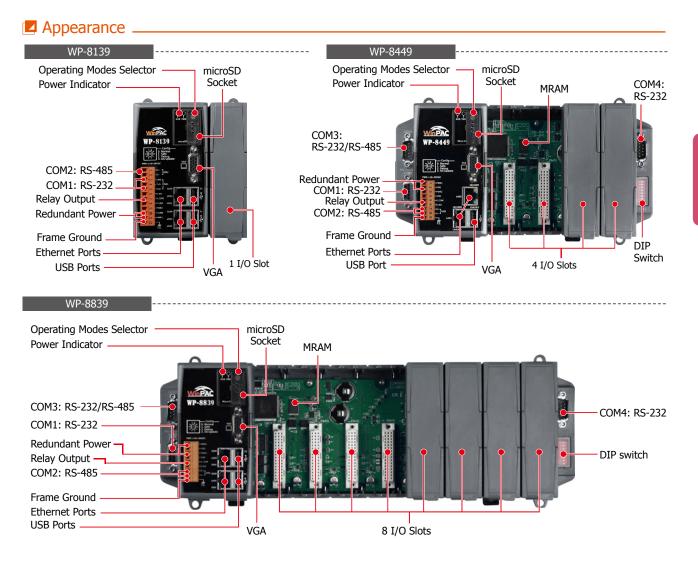






Specifications

Development Software InduSoft Web Studio Runtime InduSoft Software Options: MS eVC++ 4.0 or VS.NET 2005/2008 (VB.NET, C#.NET) Web Service Options: MS eVC++ 4.0 or VS.NET 2005/2008 (VB.NET, C#.NET) Web HMI PC running Internet Explorer can monitor/control PAC via Internet/modem Security Support three levels username and password protection. (high/middle/low) CPU Module PC running Internet Explorer can monitor/control PAC via Internet/modem SDRAM PXA270, S20 MHz SDRAM 128 MB Dual Battery Backup SRAM S12 KB; data valid up to Years (for retain variable) Flash 128 MB EEPROM interoSD socket with one microSD card (support up to 32 GB) RTC (Real Time Clock) Provide second, minute, hou, date, day of week, month, year 64-bit Hardware Serial Number Yes, for Software Copy Protection Dual Watchdog Timers Yes (lo ~ 9) Dual Watchdog Timers 1 Programmable LED Indicator Yes (lo k bits) Yes	WP-8849		
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Embedded Service FTP server; Web server Multilengage Support English, German, Friend, Spannie, Russin, R			
Multianguage Support English, German, French, Spanish, Russian, Jalian, Korean, Simplified Chinese, Traditional CP Development Software InduSoft Software Colspan="2">InduSoft Web Studie Russian, Stangin Korean, Simplified Chinese, Traditional CP Others Options: M6 eVC++ 0.0 VrS MET 2005/2000 (RB-RT, C# NET) Web Studie Colspan="2">Web Studie Russian, Balain, Korean, Simplified Chinese, Traditional CP Web Strikt PC running Internet Evolution Control PAC Via Intervet/moder Southy Others Stage Met Colspan="2">Stage Met Colspan="2" Option Met Colspan="2">Stage Met Colspan="2" Option Met Colspan="2">Stage Met Colspan="2" Stage Met Colspan="2" Stag	3.5		
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InduSoft Software InduSoft Web Stutic Runtime Others Options: MS eVC ++ 40 or VS. NET 205/2008 (VB.NET, CSUBS (VB.NET, CSUB	English, German, French, Spanish, Russian, Italian, Korean, Simplified Chinese, Traditional Chinese		
Chrisms C ptions: NS N			
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Dual Battery Backup SRAM			
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EEPROM Is kB Memory Expansion microSD socket with one microSD card (support up to 32 GB) RTC (Real Time Clock) Provide second, minute, hour, date, day of week, month, year G4-bit Hardware Serial Number Yes, for Software Copy Protection Dual Watchdog Timers Yes Provide Second, minute, hour, date, day of week, month, year G4 bit Hardware Serial Number Operammable EDD Indicator 1 Rotary Switch Yes (8 bits) - Yes DIP Switch - Yes (8 bits) - Yes VGA G40 x 480, 800 x 600, 1024 x 768 Yes 640 x 480, 800 x 600, 1024 x 768 Yes USB 1.1 (host) 2 1 1 COM 0 Internal communication with the high profile 1-87K series modules in slots 1 COM 1 RS-232 (bo update firmware) (RxD, TxD and GND); non-isolated RS-485 (Data+, Data -) with internal self true ASC; Sin on- 1 COM 2 2500 Wc isolated for WFs11 and W=RA11, 3000 X isolated for WFs11 and W=RA11, 3000 X isolated for WFs11, 3000			
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VAA 640 x 480, 800 x 600, 1024 x 768 640 x 480, 800 x 60 Ethernet R-40 x 480, 800 x 600, 1024 x 768 640 x 480, 800 x 600, 1024 x 768 640 x 480, 800 x 600, 1024 x 768 1 COM 0 Internal communication with the thisp profile I-87K series modules in slots 1 1 COM 0 Internal communication with the thisp profile I-87K series modules in slots 1 1 COM 1 R5-232 (to update firmware) (RxD, TxD and GND); non-isolated FS-485 (Data +, Data -) with internal self-tuner ASIC; 2 1 COM 2 2500 Voc isolated for WP-8131 and WP-8141; 3000 Voc isolated for other models. 7 8 1 <t< td=""><td></td></t<>			
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COM 2 2500 Voc isolated for WP-8131 and WP-8141; 3000 Voc isolated for other models. COM 3 - Yes - COM 3 - Yes - COM 4 - Yes - - COM 4 - Yes - - COM 5 - - Yes - - COM 4 1 4 8 1 4 Installation 1 4 8 1 4 Dimensions (W x L x H) 231 mm x 132 mm x 111 mm: WP-8136, WP-8146 355 mm x 132 mm x 111 mm: WP-8836, WP-846 Storage Temperature -30 ~ +80°C Corange Temperature -30 ~ +25 ~ +75°C -30 ~ +80°C -30 ~ +80°C	RS-232 (to update firmware) (RxD, TxD and GND); non-isolated		
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95 mm x 132 mm x 111 mm: WP-8136, WP-8146 231 mm x 132 mm x 111 mm: WP-8436, WP-8446 355 mm x 132 mm x 111 mm: WP-8436, WP-8446InstallationDIN-Rail or Wall MountingEnvironmental-25 ~ +75°COperating Temperature-30 ~ +80°CAmbient Relative Humidity10 ~ 90% RH (non-condensing)Power-10 ~ +30 VocInput Range+10 ~ +30 VocIsolation1 kVRedundant Power InputsYes, with one power relay (1 A @ 24 Voc) for alarm			
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Isolation 1 kV Redundant Power Inputs Yes, with one power relay (1 A @ 24 Voc) for alarm			
Isolation 1 kV Redundant Power Inputs Yes, with one power relay (1 A @ 24 Voc) for alarm			
Redundant Power Inputs Yes, with one power relay (1 A @ 24 Voc) for alarm	1 kV		
	Yes, with one power relay (1 A @ 24 Vbc) for alarm		
	30 W		
Consumption 7.3 W 9.1 W 9.6 W 7.3 W 9.1 W	9.6 W		
	Yes, with one power relay (1 A @ 24 Voc) for alarm 8 W 25 W 8 W 30 W 30 W		



Ordering Information -

InduSoft Default Runtime License: 300 Tags, 3 Drivers			
WP-8139-EN	WP-8149-EN	1 I/O Slot InduSoft based WinPAC-8000 with WinCE 5.0 (OS: English Version)	
WP-8439-EN	WP-8449-EN	4 I/O Slots InduSoft based WinPAC-8000 with WinCE 5.0 (OS: English Version)	
WP-8839-EN	WP-8849-EN	8 I/O Slots InduSoft based WinPAC-8000 with WinCE 5.0 (OS: English Version)	
WP-8139-TC	WP-8149-TC	1 I/O Slot InduSoft based WinPAC-8000 with WinCE 5.0 (OS: Traditional Chinese Version)	
WP-8439-TC	WP-8449-TC	4 I/O Slots InduSoft based WinPAC-8000 with WinCE 5.0 (OS: Traditional Chinese Version)	
WP-8839-TC	WP-8849-TC	8 I/O Slots InduSoft based WinPAC-8000 with WinCE 5.0 (OS: Traditional Chinese Version)	
WP-8139-SC	WP-8149-SC	1 I/O Slot InduSoft based WinPAC-8000 with WinCE 5.0 (OS: Simplified Chinese Version)	
WP-8439-SC	WP-8449-SC	4 I/O Slots InduSoft based WinPAC-8000 with WinCE 5.0 (OS: Simplified Chinese Version)	
WP-8839-SC	WP-8849-SC	8 I/O Slots InduSoft based WinPAC-8000 with WinCE 5.0 (OS: Simplified Chinese Version)	
InduSoft Default Runtime License: 1500 Tags, 3 Drivers			
WP-8139-EN-1500	WP-8149-EN-1500	1 I/O Slot InduSoft based WinPAC-8000 with WinCE 5.0 (OS: English Version)	
WP-8439-EN-1500	WP-8449-EN-1500	4 I/O Slots InduSoft based WinPAC-8000 with WinCE 5.0 (OS: English Version)	
WP-8839-EN-1500	WP-8849-EN-1500	8 I/O Slots InduSoft based WinPAC-8000 with WinCE 5.0 (OS: English Version)	
WP-8139-TC-1500	WP-8149-TC-1500	1 I/O Slot InduSoft based WinPAC-8000 with WinCE 5.0 (OS: Traditional Chinese Version)	
WP-8439-TC-1500	WP-8449-TC-1500	4 I/O Slots InduSoft based WinPAC-8000 with WinCE 5.0 (OS: Traditional Chinese Version)	
WP-8839-TC-1500	WP-8849-TC-1500	8 I/O Slots InduSoft based WinPAC-8000 with WinCE 5.0 (OS: Traditional Chinese Version)	
WP-8139-SC-1500	WP-8149-SC-1500	1 I/O Slot InduSoft based WinPAC-8000 with WinCE 5.0 (OS: Simplified Chinese Version)	
WP-8439-SC-1500	WP-8449-SC-1500	4 I/O Slots InduSoft based WinPAC-8000 with WinCE 5.0 (OS: Simplified Chinese Version)	
WP-8839-SC-1500	WP-8849-SC-1500	8 I/O Slots InduSoft based WinPAC-8000 with WinCE 5.0 (OS: Simplified Chinese Version)	