

# CIMON-PPC

**Total Solution for Industrial Automation**

## CIMON-PPC features

- Fan-less cooling system
- High color/resolution TFT LCD
- Panel mountable touch screen pc
- Fine and fast touch screen by USB interface
- Ready for various multi-media applications
- Panel PC tuned for various industrial automation applications



## PPC Series *Multi Application System / TFT LCD Panel PC*



[Panel Mount type]

### Specification

- Fan-less cooling system
- High color/resolution TFT LCD
- Panel mountable structure
- USB interfaced fine resolution touch screen
- Ready for multi-media : 4 USB host port and an audio output
- Panel PC tuned for various industrial automation application
- All in one Embedded Board
- External I/F : 4 Serial Port, Parallel, Ethernet(10/100Base T), VGA Port
- Operating System : Windows XP Embedded
- Utility programs : EWF for file-system damage protection  
Rescue for resetting to factory default disk image

### ■ Specifications

Item		P12CH	P15CH	P15CX	P15CP
Touch Screen		1024 x 768(5-Wire Resistive)			
CPU		VIA Eden ESP 10000 1GHz			
RAM		DDR 512MB			
Storage		HDD 40GB			
Graphic Chip		UniChrome Pro IGP integrated VIA CN400 VT8625			
Display		12.1" TFT LCD	15" TFT LCD		
		CRT Output(15P DSUB)			
Interface	Serial	RS232/422/485 1 Port RS232C 1 Port		RS232/422/485 1 Port RS232C 3 Port	
	Ethernet	10 Base-T/100 Base-TX 1 Port		10 Base-T/100 Base-TX 2 Port	
	Parallel	None		1 Port	
	PS/2	Keyboard & Mouse			
	USB	USB V2.0 4 Port			
	Audio	1 Port			
CD-ROM		None		Yes	
PCI Slot		None		1 Slot	
Operating System		Windows XP Embedded			
Utility Program		EWF / Rescue			
Power		100~240V AC			

### ■ TFT LCD Display

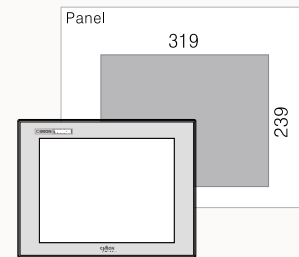
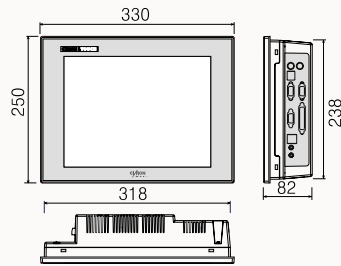
Display Type	TFT Color LCD	Luminance(cd/m2)	200
Size(Diagonal)	12.1" / 15"	Viewing angle	100°
Max .Resolution	1024 X 768	Temperature	0~50°
Max. Colors	16M	VR Controls	Brightness
Pixel Pitch(mm)	0.297 X 0.297	LCD MTBF	40,000 hrs.

■ Dimensions

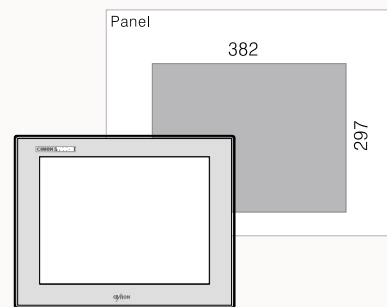
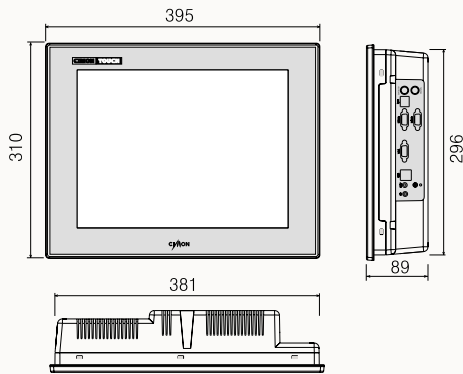
■ Panel cut

Unit mm

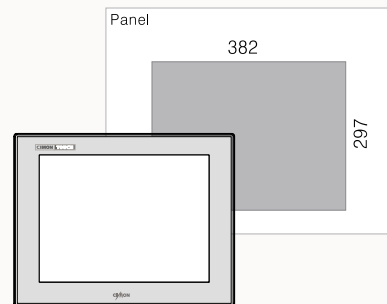
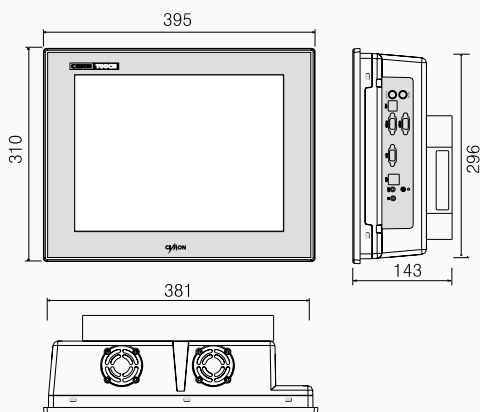
P12CH



P15CH  
P15CX

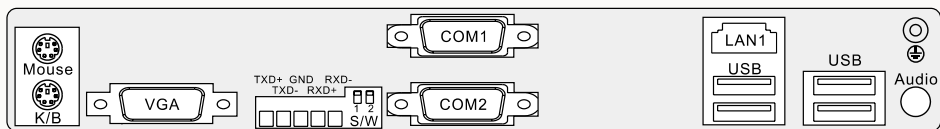


P15CP

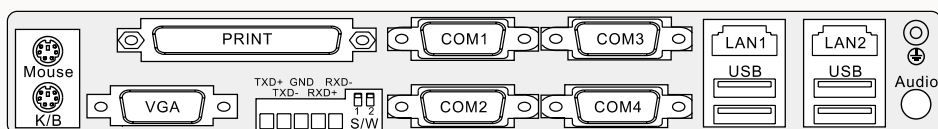


■ External Interface Layout

P12CH/P15CH



P15CX/P15CP





## KDT Systems Co., Ltd.

Since first known by the internally developed CIMON-HMI software,

KDT Systems was exerting its best efforts to provide the proprietary technology in the automation area for the customers.

As a result, we have continuously developed various automation controllers and software with enhanced performance and stability.

We are proud that these products have decisively contributed to overwhelming market positioning of the customers.

KDT Systems is committed to excellence in the industry automation and aims at providing the products for more useful and stabilized automation system through development of the state-of-art technology. Our ultimate goal is to provide the total solution for the industry automation.

### Product line

- CIMON-HMI: HMI/SCADA software
- CIMON-PLC: Highly functional PLC
- CIMON-RTU: RTU for remote site measurement/control
- CIMON-PPC: Touch panel type PC
- CIMON-IPC: High performance industrial PC
- CIMON-PAD: Wireless data communication terminal
- CIMON-TOUCH: Windows-based HMI device
- CIMON-Xpanel : Windows CE Based new Touch

### Fields of business

- Various automated water treatment systems (Water purification/Waste water treatment system)
- Automation of all assembly industries including automobile industry
- Automation of electric power system (Power generation/transmission/distribution)
- Monitoring/control of the special equipments such as semiconductor equipment and incinerator.
- Monitoring/control of all industrial equipments such as BAS, automated warehouse, and parking facility

### Running environment

· OS	Windows 98/Me/2000/XP
· Computer	Pentium or faster CPU, IBM compatible
· Memory	64MB or more is recommended
· HDD	300MB or more is recommended
· Graphic card	VGA, SVGA, XGA
· Others	Mouse, touch panel

**! Safety Precautions** For proper usage of the products described in this brochure, make sure to read the Product Manual before using the product.



|주|케이디티 시스템즈  
KDT SYSTEMS CO.,LTD.

[www.kdtsys.com](http://www.kdtsys.com)

TEL : +82 - 31 - 322 - 8303 FAX : +82 - 31 - 332 - 8343