P-trade

Panel Technology Rely on Advantech Display Engine

ADVANTECH
P-trade Services

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ADVANTECH
P-trade Services

Complete Solutions *for* LCD Display & Application

With increasing demands in display applications, Advantech P-trade presents LCD Display & total solution kits for eWorld system integrators. We not only provide you top-notch components like LCD Panel Module, Inverter, Cables and Chipset, but we also offer assembly services to make your LCD kit and IPC Touch Monitors ready for comprehensive vertical market applications, such as: Touchscreen monitors, Touch Panels, and Industrial PC Monitors with Metal Chassis or Open Frame for POS, IPC, ATM, CNC, CCTV and other applications.

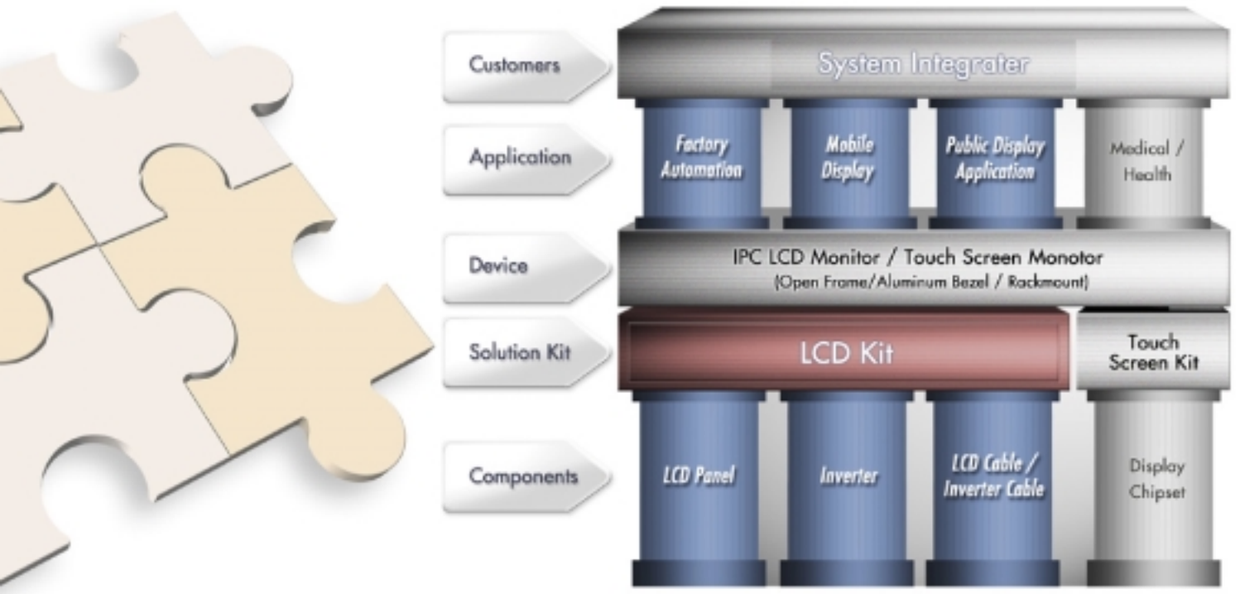
Product Breath

We carry most of the industrial-grade LCD devices like LCD monitors, touchscreens, open frame or rack mount type. We even have LCD Kit Solution that range from 5.7" to 15". It is highly compatible with CPU cards from Advantech's SBC (Single Board Computer) and easily saves your time with one-stop shopping at Advantech P-trade.

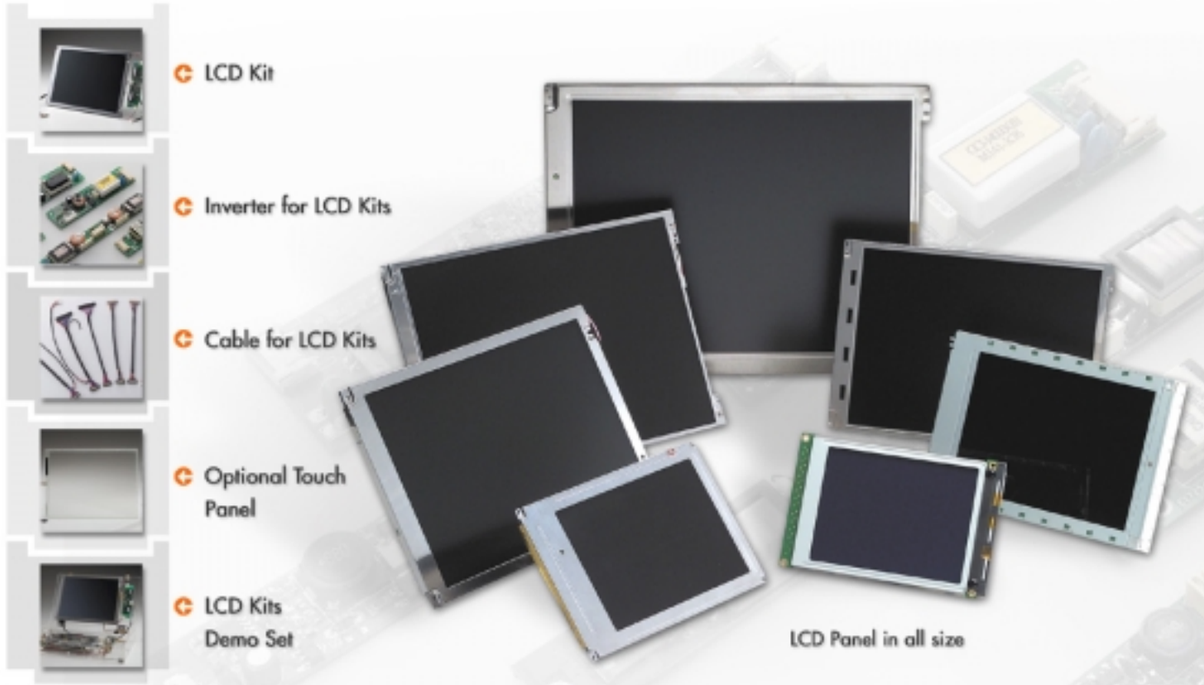
Service Programs

Being the expert in special design, we provide customized design services that meet your needs. Optional configurations with board assembly are available on standard LCD modules, or optional Touch Screen for special requirements. The services we offer are: Various LCD Panel Outsourcing and corresponded Inverter choice; LCD cable making; Concerned IC providing-THINE, Genesis, SmartASIC, Silicon Image, and etc.

P-trade LCD Display Business Structure



LCD Kits Series *Panel+Cable+Inverter*



Industrial LCD Kit (LCD+Inverter+Cables)

MODEL	LCD_05A	LCD_05B	LCD_06A	LCD_08B
PANEL SIZE	5.7"	5.7"	6.4"	8.4"
PANEL TYPE	STN	STN	TFT	TFT
ORIGINAL BRAND	Nan Ya	Nan Ya	Prime View	Mitshbishi
DOT FORMAT	320x240	320xRGBx240	640xRGBx480	640xRGBx480
BRIGHTNESS(NTS)	120	120	300	400
MODEL	LCD_10C	LCD_12B	LCD_15B	LCD_15C
PANEL SIZE	10.4"	12.1"	15"	15"
PANEL TYPE	TFT	TFT	TFT	TFT
ORIGINAL BRAND	Mitshbishi	Mitshbishi	Sharp	AU
DOT FORMAT	640xRGBx480	800xRGBx600	1024xRGBx768	1024xRGBx768
BRIGHTNESS(NTS)	380	300	220	250

Touch Screen Kit

Touch Screen +Controller+RS232 Cables

Touch Monitor

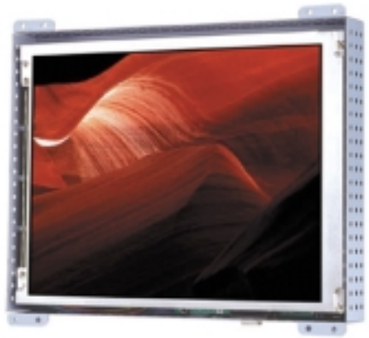
SCREEN SIZE	5.7" Resistive	6.4" Resistive	8.4" Resistive	10.4" Resistive	12.1" Resistive	15" Resistive
ELO (5 Wire)		●	●	●	●	
3M (4 Wire)	●	●	●			
3M (8 Wire)				●	●	●
eTurbo Touch (4 Wire)	●	●	●	●	●	
eTurbo Touch (6 Wire)						●

Industrial LCD Monitor

Open Frame Monitor

MODEL	R06	R10	R12
PANEL SIZE	6.4"	10.4"	12.1"
PANEL TYPE	TFT	TFT	TFT
MAX RESOLUTION	640X480	640X480	800x600
BRIGHTNESS (NTS)	300	350	340

MODEL	R15	R17	R18
PANEL SIZE	15"	17"	18"
PANEL TYPE	TFT	TFT	TFT
MAX RESOLUTION	1024x768	1280x1024	1280x1024
BRIGHTNESS (NTS)	300	250	350



Open frame

Rack mount

Aluminum Bezel

Application Story

Full Color LCD Indicator

Customer: SI *Country: Singapore*

A successful supplier of intelligent electronic indicators in Singapore is looking for the ideal partner in reliable LCD products for implementing governmental buildings and leading industrial, commercial and residential properties/complexes in Singapore and neighboring countries.

With a wide range of LCD products and value-added services such as compatible CPU card test and design, they became the rightful partner with Advantech P-trade for years.

The full color TFT-LCD lift position indicator system for commercial use is a high end, sophisticated display system designed to project messages in high resolution color graphics. This TFT-LCD lift position indicator system can be customized to show different effects like three-dimensional arrows, floor legends, floor directories, analog clock face, digital clock, date, and lift messages such as: MAINTENANCE, OVERLOAD, OUT OF ORDER, FULL LOAD, and etc. Moreover, information like weather forecasts, flash news, can also be sent to the display unit through a computer system or the telecom paging.

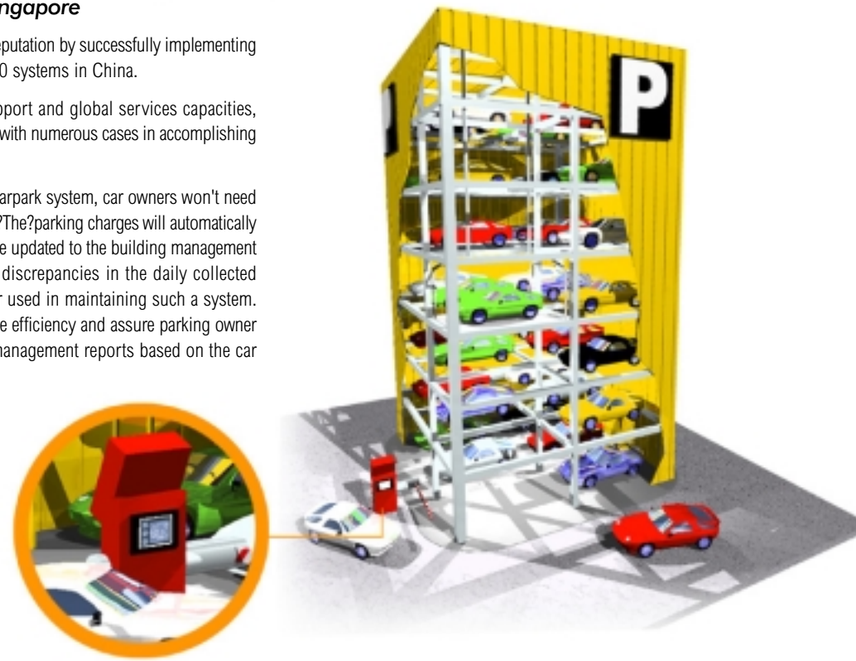
CarPark System

Customer: SI *Country: Singapore*

A leading Singaporean SI car park system built its reputation by successfully implementing over 300 carpark systems locally and around 3000 systems in China.

Concerned about product qualities, technical support and global services capacities, this SI asked for Advantech P-Trade support to work with numerous cases in accomplishing carpark systems.

With this non-monetary system and LCD display carpark system, car owners won't need to worry about queuing up to pay their parking fees.?The?parking charges will automatically get deducted,?and the number of transactions will be updated to the building management on a daily basis. This will not only prevent any discrepancies in the daily collected amount, but will also lower the cost of manpower used in maintaining such a system. It is used to control traffic flow, maintain high space efficiency and assure parking owner of profitable parking businesses, and formulate management reports based on the car park traffic activities and cash transaction data.



Application for Every Vertical Market

Kiosk

LCD_10C, LCD_12B are the best appliances for Kiosk, which are the best platforms for retails, ticketing, transportation, government or financial transaction in public area.

Car PC

In-car computing is an exciting new area for the automotive industry; Equipped with Advantech display engine and panel devices, drivers can find the shortest route to their destination through voice-activated navigation by GPS, or they can make a cellular call using the computer in the front seat; While in the back seat, passengers can be entertained by browsing the Internet or by watching movies or playing games.

Healthcare

In critical environments such as hospitals, medical personnel need simpler and faster methods of controlling complex system. Through the touch-based system, impossible mission can easily be accomplished. With durable features from the Touch Monitor serial, operations in critical circumstances would never be interrupted.

Industrial Application

We offer a wide range of LCD products through customized designs. Even when the surface is damaged, the Touch Screen sensor remains under normal operating function. This reliable function will increase your product*s competitiveness.

Application

Appendix

Compatibility Reference Table

Compatible with Advantech CPU card

PC Card	VGA Chip	Connector	LCD_05A	LCD_05B	LCD_06A	LCD_08B	LCD_10C	LCD_12B	LCD_15C
PCM-9576	SMI 712	DF13-40/40			●	●	●	●	
PCM-9577	VIA Savage4	DF13-40/20/20			●	●	●	●	●
PCM-9575	VIA Savage4	DF13-40/20/20			●	●	●	●	●
PCM-9572	SMI 721	DF13-40/40			●	●	●	●	
PCM-9550	C&T 69000	DF13-40	●	●	●	●	●	●	
PCM-4862	C&T 65545	PinHeader	●	●	●	●	●	●	
PCM-9370	SMI 721	DF13-40/40			●	●	●	●	
PCM-9372	VIA Savage4	DF13-40/20/20			●	●	●	●	●
PCM-5825	NS CX5530	PinHeader			●	●	●	●	
PCM-5824	C&T 69000	PinHeader	●	●	●	●	●	●	
PCM-5823	NS CX5530	PinHeader			●	●	●	●	
PCM-5822	NS CX5530	PinHeader			●	●	●	●	
PCM-5820	NS CX5530	PinHeader			●	●	●	●	
PCM-9340	SMI 712	DF13-40/20			●	●	●	●	
PCM-4825	C&T 65550	PinHeader	●	●	●	●	●	●	
PCM-4823	C&T 65550	PinHeader	●	●	●	●	●	●	
PCM-3347	C&T 69000	DF13-40	●	●	●	●	●	●	
PCM-3350	NS CX5530A	DF13-40			●	●	●	●	
PCM-3346	C&T 69000	DF13-40	●	●	●	●	●	●	
PCM-3521	C&T 65545	PinHeader	●	●	●	●	●	●	
PCA-6772	VIA Savage4	DF13-40			●	●	●	●	
PCA-6770	C&T 69000	DF13-40/20	●	●	●	●	●	●	●
PCA-6751	C&T 69000	DF13-40/20	●	●	●	●	●	●	●
PCA-6753	NS 5530A	PinHeader			●	●	●	●	
PCA-6740	SMI 712	PinHeader			●	●	●	●	
PCA-6145	C&T 65550	PinHeader	●	●	●	●	●	●	
PCA-6135	C&T 65545	PinHeader	●	●	●	●	●	●	
POS-760	C&T 69000	PinHeader	●	●	●	●	●	●	
POS-761	VIA Savage4	PinHeader			●	●	●	●	
POS-562	C&T 65555	PinHeader	●	●	●	●	●	●	
POS-564	SMI 721	DF13-40/20			●	●	●	●	
POS-563F	NS 5530A	PinHeader			●	●	●	●	
POS-563FC	C&T 69000	PinHeader	●	●	●	●	●	●	
POS-7671	SMI 721	DF13-40/40			●	●	●	●	
POS-7551F	NS 5530A	PinHeader			●	●	●	●	
PCA-6359	C&T 69000	DF13-40	●	●	●	●	●	●	