

Digital Signage & Public Information Display

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Total Display Solution

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History of Kortek

- 2006**
January Granted ISO 14001 Certification
- 2005**
December Completion of Digital Signage product development (built in PC & touch integration)
Completion of LED Backlight LCD development
Completion of LED Light Ring System development
Completion of Player Tracking Display development
Deemed as RoHS Compliant.
- November** Completion of medical monitor development.
- April** Expansion of USA office in Reno, Nevada (engineering, logistics and administrative functions)
- 2004**
January European Branch Office relocated from UK to Germany
- 2003**
February Granted patent for Auto Color Bias technology
- 2001**
July Company listed on KOSDAQ
Factory completion and re-location to Incheon
- February** Granted ISO 9001 Certification (A10030)
Establishment of USA Branch Office - Reno, Nevada
- 1990**
October Venture Company certification
- 1987**
March Company established.



world's best in Industrial Monitors

Kortek, a display specialist, opens new digital era...

KORTEK, another window towards the digital world, seeks state-of-the-art display solutions for the 21st century.

Kortek is committed to meeting and exceeding its customers' expectations as a total display solution specialist and provider of TFT-LCD, PDP and CRT industrial monitors. In-house design through to final dispatch takes place at Kortek's factory in Incheon, South Korea and ninety percent of the company's business is in export. To facilitate Kortek's global activities, the company operates two overseas offices, with a branch office in Frankfurt, Germany and a larger business center in Nevada, USA.

To keep abreast with the needs of the industry and stay one step ahead of the competition, Kortek constantly engages in new research and product development thus maintaining its place in the industrial monitor market. Our strength lies in our ability to continuously produce reliable, technologically advanced, superior quality products while at the same time maintaining strong, trust-based relationships with our business partners.

Based on the continuous research & development undertaken in industrial monitor display technology over the past 20 years, Kortek has become a global market leader in the gaming and amusement industries. We now endeavor to meet our customers' needs in the digital era while also securing the number one position in the field of information on demand.

Kortek's latest production and touch integration facilities are enabling it to provide customers at home and abroad with top quality monitors and solutions. The company is currently widely expanding its business into high value-added monitors, such as medical, through a huge investment into research and development and producing a range of new products such as those featured in this catalogue.

We invite you to be our partner, join us now!



Kortek, a display specialist, begins a new era with Interactive Digital Signage

Landscape

Portrait

Tiled
(Multivision)

LCD sizes:
26 / 32 / 40 / 42"
46 / 57 / 82"

- High Resolution TFT-LCD
- Wide Viewing Angles
- Professional Grade
- Metal Frame durability
- High Bright Panels
- Landscape
- Portrait
- Designed For 24 X 7 X 365 Use

40" / 46" Narrow Bezel TFT-LCD Video Walls

Kortek's Ingenious Built-in Scaling Allows For The Following Configurations Without The Need For An Expensive Splitter or Computer:

Landscape Mode: 2 x 2 & 3 x 3

Portrait Mode: 1 x 2 - 1 x 9

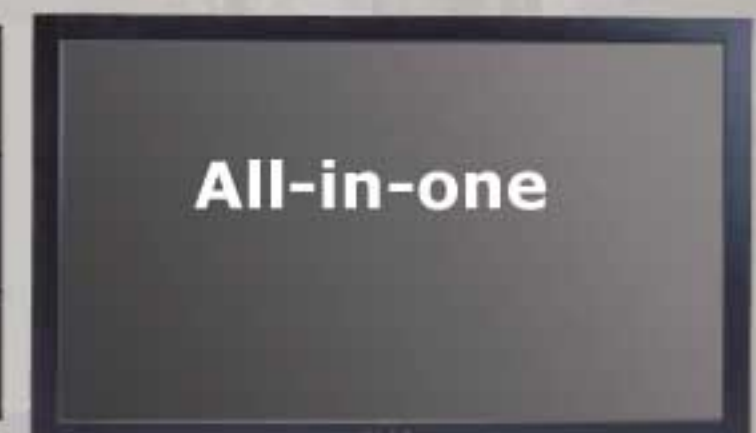
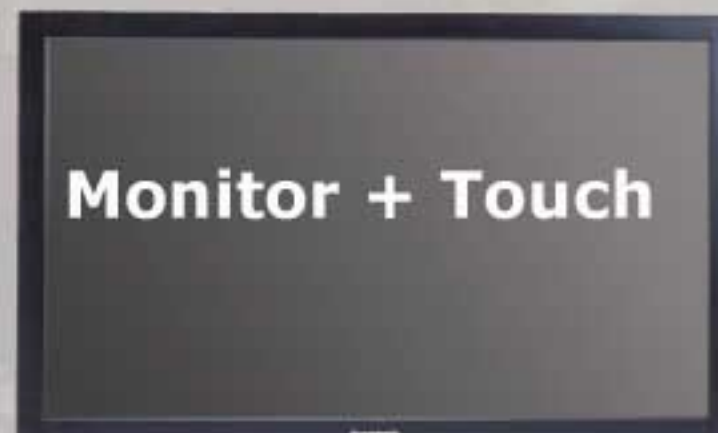
Kortek's products are not only user-friendly; they have features that set Kortek apart from the crowded Public Information Display market. These features produce superior results and impact in the realm of advertising and customer satisfaction. Such features include Touch activation, embedded PC running Windows XP Professional, a heavy duty metal frame, a 4 millimeter layer of glass to protect the LCD panel and Professional Grade A Panels that are designed to be used 24 x 7 x 365 in a public environment.

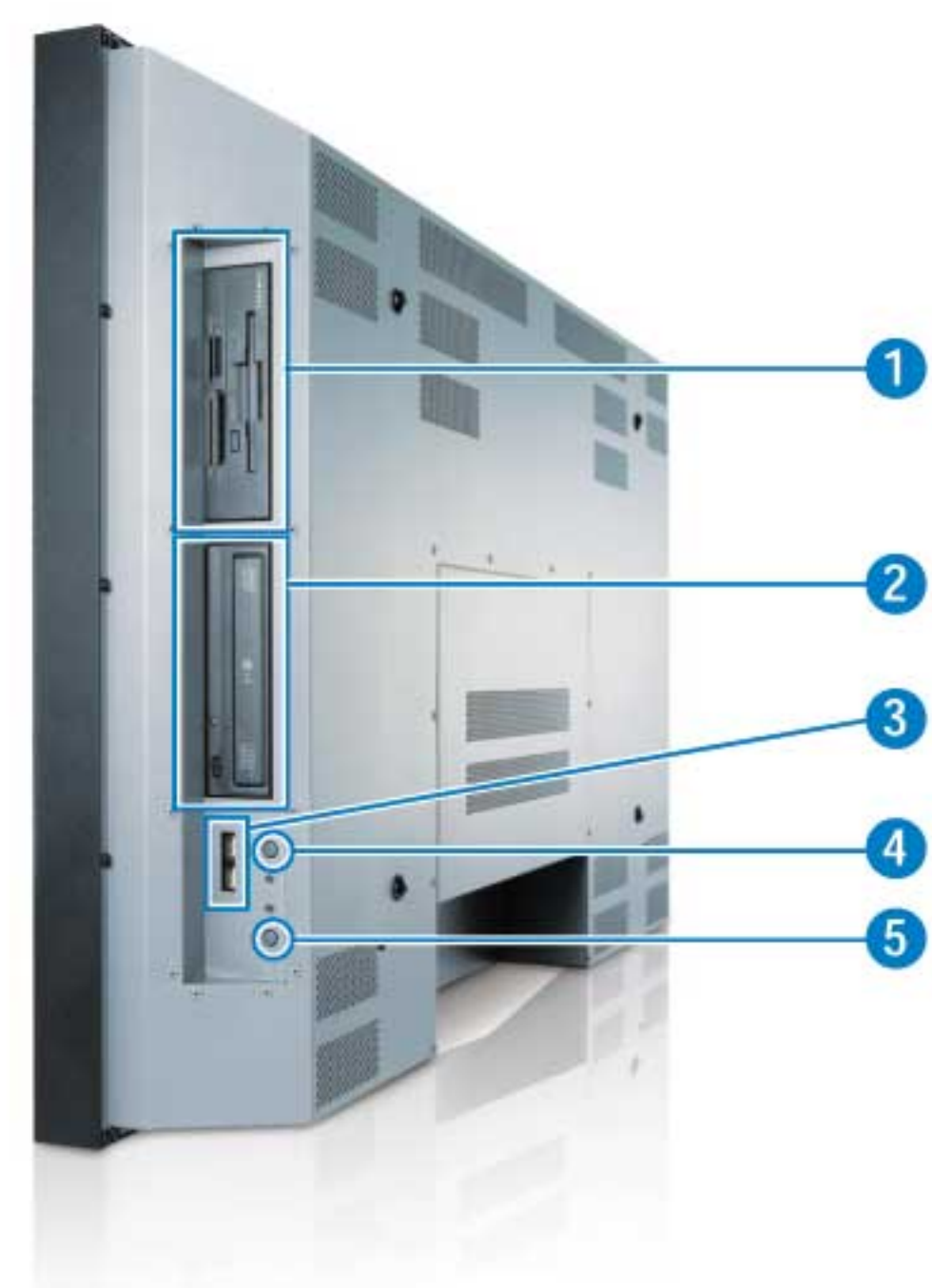
KORTEK'S Product Line Leads The Pubic Information Display Market



Four Configurations To Fit Any Application

- Non-Networked Digital Sinage
- PC Based Networked Digital Signage
- Interactive Digital Signage For Multiple Operation Systems (Mac, Linux, Win)
- Stand Alone All-in-One Interactive Digital Signage





Built-in PC (side)



1. Floppy disk driver
& Multi card reader



2. DVD-Multi (or DVD-Rom)



3. USB-Storage / Mouse / Keyboard

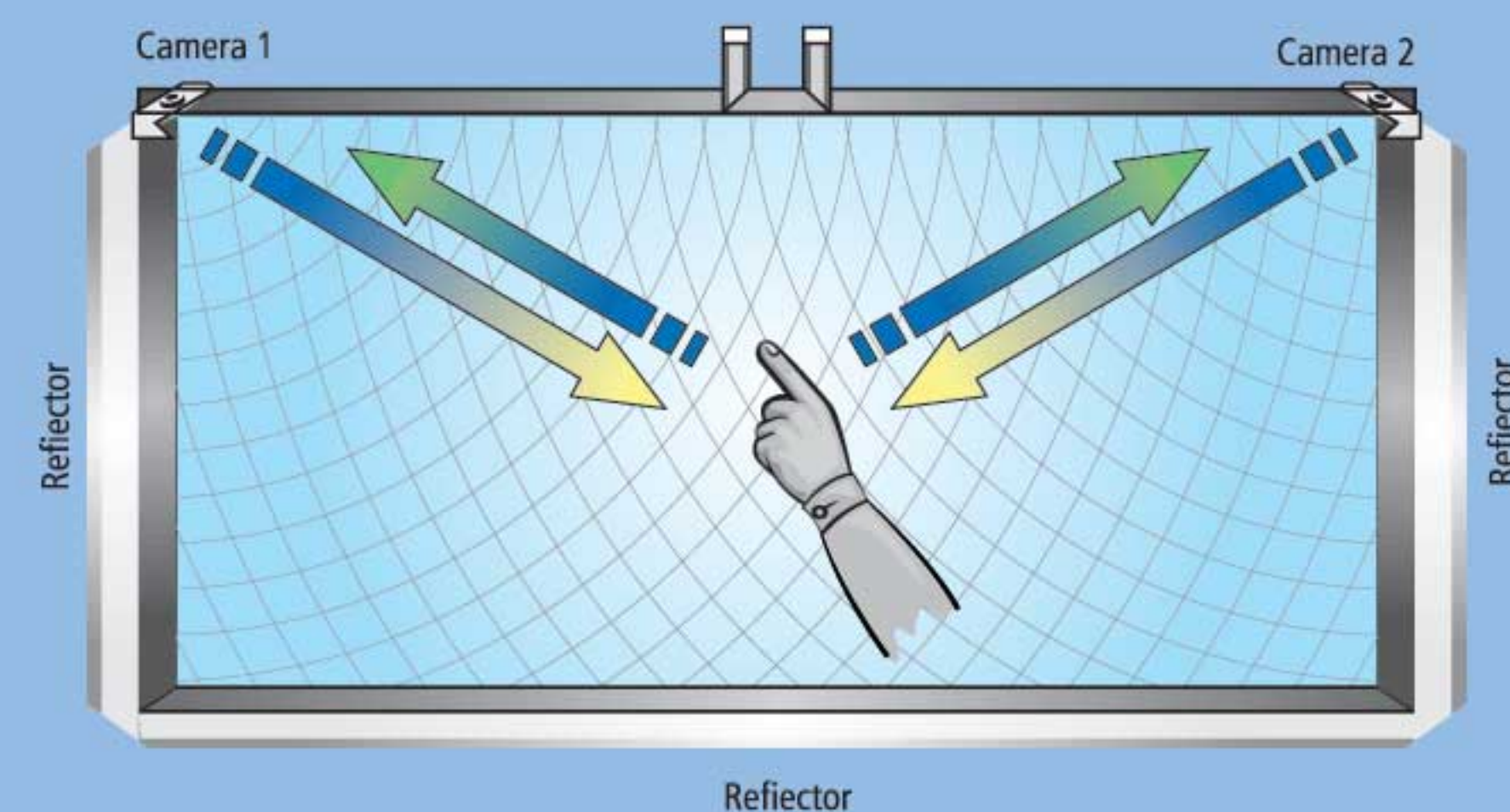


4. Power



5. Reset

Touch System



Integrated Touch solution for all sizes

- Stylus independence
- Highest clarity of image - no coatings
- Accuracy over the whole screen
- One-time calibration with no drift
- No drivers to be loaded
- Able to be sealed
- Scalable from small screen to large format
- Easy to adapt to new screen size
- Object size recognition
- Two-touch capability
- Middle mouse-key scrolling
- Diagnostics capability



Built-in PC (bottom)



2 x PS2



1 x parallel



1 x serial port(RS232)



1 x VGA out



4 x USB



1 x LAN 10/100M



Speaker out



Mic in



AUX



S-video out



Dvi out









Wireless LAN

PC SPECIFICATION

ITEM	DESCRIPTION	Remark
MOTHER BOARD	GA-81945GMH-RH	1
	Manufacturer : GIGABYTE	
	PCI slot : (2X)PCI 32bit, (1X)PCI ExpressX4	
	FSB support : 533 / 800 / 1066MHz	
	VGA slot : (1X)PCI ExpressX16	
	Internal VGA : Intel GMA 950 Graphics	
	Support Memory : Four Channel DDR2 667/533/400 (Max 4GB)	
	Support CPU : 775pin intel Pentium 4/Celeron D/Pentium D(Dual Core)	
	Internal LAN : RTL8110S Gigabit Ethernet Controller(10/100/1000Mhz)	
	4 X SATAII ports	
CPU	Intel Core 2 Duo	1
HDD	S-ATAII 80G or 16GB Solid State Drive	1
RAM	DDR 2(553) (2X) 512M, Total 1GB	1
ODD	DVD-ROM (BLACK)	1
USB	2 X 2 Port	1
FDD/MCR	FDD/MULTI CARD READER (BLACK)	OPTION
KEYBOARD/MOUSE	Wireless Keyboard/Mouse (X-board, bluetooth 2.4G)	OPTION
VGA	NVIDIA GEFORCE 6200	1
	Core Speed : 350Mhz	
	GPU : GeForce 6200TC	
	Max.Resolution : 2048 x 1536	
	Memory Capacity : 128MB(Support 256MB)	
	Memory Clock : 200(400)Mhz	
	Memory Interface : 64bit	
	Memory Type : DDR SDRAM (5ns 128MB)	
WIRELESS LAN	Wireless lincard (PCI or USB)	OPTION
	OS	OPTION
	POWER	1

MODEL SOLUTION

Model	Device		Panel Type				Touch	Built in PC
	LCD	PDP	Landscape	Portrait	Outdoor	Narrow Bezel		
								
26"	○	—	○	—	—	—	○	○
32"	○	—	○	—	—	—	○	○
37"	○	—	○	—	—	—	○	○
40"	○	—	○	○	○	○	○	○
42"	○	○	○	○	—	—	○	○
46"	○	—	○	○	○	○	○	○
50"	—	○	○	○	—	—	○	○
57"	○	—	○	○	○	—	○	○

SPECIFICATIONS

ITEM		SPECIFICATIONS								
		KT-LS26W2DT	KT-LS32WSDT	KT-LS37WXDT	KT-LS40WSDT	KT-LL42W2DT	KT-LS46WSDT	KT-LS46PTDT(Portrait)	KT-LS57HSDT	KT-LS40WSM-(MULTI)
Display	Screen Size(Active Area)	26inch	32inch	37inch	40inch	42inch	46inch	46inch	57inch	80inch
	Aspect ratio	16:9	16:9	16:9	16:9	16:9	16:9	6:9	16:9	16:9
	Resolution	1366 x 768 (WXGA)	1366 x 768 (WXGA)	1366 x 768 (WXGA)	1366 x 768 (WXGA)	1366 x 768 (WXGA)	1366x768 (WXGA)	1366x768 (WXGA)	1920x1080(WUXGA)	1366 x 768 (WXGA) x 4
	Displayable Colors	16.7M(8bits-true)	16.7M(8bits-true)	16.7M(8bits-true)	16.7M(8bits-true)	16.7M(8bits-true)	16.7M(8bits-true)	16.7M(8bits-true)	16.7M(8bits-true)	16.7M(8bits-true)
	Brightness	500cd/m2 (Typical)	450cd/m2 (Typical)	500cd/m2 (Typical)	500cd/m2 (Typical)	500cd/m2 (Typical)	500cd/m2 (Typical)	700cd/m2 (Typical)	500cd/m2 (Typical)	500cd/m2 (Typical)
	Contrast Ratio	1000:1	1000:1	800:1	1000:1	550:1	1000:1	1200:1	900:1	1000:1
	Viewing Angle	85/85/85/85(L/R/H/L)	89/89/89/89(L/R/H/L)	89/89/89/89(L/R/H/L)	89/89/89/89(L/R/H/L)	89/89/89/89(L/R/H/L)	89/89/89/89(L/R/H/L)	89/89/89/89(L/R/H/L)	89/89/89/89(L/R/H/L)	89/89/89/89(L/R/H/L)
PC	Touch	0	0	0	0	0	0	0	0	-
	HDD(80G)	0	0	0	0	0	0	0	0	-
	ODD(DVD-ROM)	0	0	0	0	0	0	0	0	-
	VGA(Geforce6200)	0	0	0	0	0	0	0	0	-
	MCR+FDD	-	-	-	-	0	0	0	0	-
	Wireless Lan(PCI)	Option	Option	Option	Option	Option	Option	Option	Option	-
	OS(Window XP Home/Pro)	Option	Option	Option	Option	Option	Option	Option	Option	-
	RGB Input	D-Sub 15-pin x1	-	-	-	-	-	-	-	R/G/B (0.7Vp_p) H/V (TTL) * 4
	DVI Input	DVI 24-pin x 1	-	-	-	-	-	-	-	-
	RGB Out	D-Sub 15-pin x1	-	-	-	-	-	-	-	R/G/B (0.7Vp_p) H/V (TTL) * 4
	1x Parallel	0	0	0	0	0	0	0	0	-
	1x Com (RS-232)	0	0	0	0	0	0	0	0	-
	1x Lan (RJ-45)	0	0	0	0	0	0	0	0	-
	6(4)x USB2.0/1.1 (R:2, B:4)	0	0	0	0	0	0	0	0	-
	1 xPS2(Keyboard) 1xPS2(Mouse)	0	0	0	0	0	0	0	0	-
	1 x VGA (internal)	0	0	0	0	0	0	0	0	-
	1 x 6 Channel audio port	0	0	0	0	0	0	0	0	-
	Power Supply	100~240V (50 / 60Hz)	100~240V (50 / 60Hz)	100~240V (50 / 60Hz)	100~240V (50 / 60Hz)	100~240V (50 / 60Hz)	100~240V (50 / 60Hz)	100~240V (50 / 60Hz)	100~240V (50 / 60Hz)	100~240V (50 / 60Hz)
General	Power Consumption	Operate 150 Watt (max 250w)	Operate 220 Watt (max 300w)	Operate 260 Watt (max 350w)	Operate 280 Watt (max 400w)	Operate 300 Watt (max 400w)	Operate 320 Watt (max 430w)	Operate 320 Watt (max 430w)	TBD	TBD