WORLD CLASS PRODUCT
OF KOREA
The leading company on
E–learning system in the world

AHA
Product
Catalogue

Interactive Smart LCD
Digital Podium
Interactive White Board

The best
Interactive Smart LCD
Provider

Leader in Interactive White board
AHA Information & Communication

AHA Information & Communication is the leader in the education & equipment provider market in Korea.
The company received the New Excellent Product certificate from the Ministry of Knowledge Economy for developing its own unique digitizer tablet technology for the third time in the world and the first time in Korea.
The 'Optical Image Sensor' type of large interactive white board developed in-house is widely distributed worldwide.
The digital podium is also recognized for its cutting-edge technology by a wide range of customers, including public organizations, commercial enterprises and educational institutes.

Educational Institutes

Central Administrative agencies

Defense

e-Learning
u-Learning

Commercial Enterprises

Municipalities

Overseas

Advancement Period ▶

Growth Period ▶

Early Period ▶

Company History

2010 ▶
Selected as very potential Company (Kyunggi Province)
Contract of MOU with Kanakstan E.N. University
Contract of MOU with Malaysia CommBax Sdn Bhd
Patent registration (No. 10-2010-120621, 10-2010-120622)
Select as Export Potential Company (The small & medium business administrationed)
Awarding of the best company in Kyunggi Province
(1st grade in the field of best technology innovation)

2009 ▶
Selected as Exporting Voucher company (The small & medium business administration)
Awarding of one Million exporting
Korea President awarding of New technology
Selected as World new product (Ministry of Knowledge & Economy)
Patent registration (No. 10-0934399)
Developed original technology of Optical Touch Sensor in the 5th in the world.

2008 ▶
Certificate of LCD Tablet Monitor (19",20"22") CE/FCC
Selected as Potential Company of Exporting
(Seoul export support center)
Prime Minister Awarding of technology innovation company
Ministry of Knowledge & Economy Awarding of New technology
Selected as Potential Company (Kookmin Bank)

2007 ▶
Awarding of 2007 year Korea best industry (Herald Economy Daily)
Awarding NEP (New Excellent Product) of new technology certificate (Ministry of Information & Communication)
LCD Tablet Monitor using the technology of Electric Magnetic Induction

2006 ▶
Developed new technology of Electromagnetic digitizer for the first time in Korea.
Developed LCD Tablet Monitor (15",17",19") / Enrollment of CE, FCC
Awarding of New technology company (Herald Economy Daily)
Developed Wide LCD Tablet Monitor in the first time in the world and Successing as Commercial product.

2005 ▶
Patent registration (No. 10-0488497)
Selected and awarding as E-learning best company
(Ministry of Education & Human Resources Development)

2004 ▶
Awarding of Korea Education Industry in the field of E-learning (Hankook Daily)
Awarding of Korea Education Industry in the field of E-learning
(Korea newspaper broadcasting club)
Awarding of Best Design of Digital Podium (Hankook Daily)

2003 ▶
ISO9001 Certificate acquisition
Patent registration (No. 10-0412038 & 10-0412039)

2002 ▶
Patent registration (No. 10-0324446)

1995 ▶
Founded on 1995.

Smart Podium

| Smart Podium ELF |

elf ®

- The world's first dual monitor podium system
- Tablet monitor and wide angle display
- Built-in RFID system
  (automatic control and security features)
- Writing, drawing, and video recording software all available with the "Edupen" system
- Ergonomic and simple design
- RMS system available (optional)
- Supported OS: Win98 / Me / 2000 / XP / Vista / 7
  Linux / Mac compatible
- Writing input S/W: Edupen

- All multimedia, equipment, and teaching materials can be connected and supported

ISO 9001 Quality Management System
ISO 14001 Environmental Management System

**" The world's first dual monitor smart podium.
The ultimate choice digitally enhanced learning.**

[Stand Type 19 inch]
- ELF-192D
- ELF-19NB (No Battery Pen)

Sliding Door
Sliding Ray makes opening andclosing the cover easy (withstands strong pressure and prolonged use withoutmalfunction). Lock system for each openingto prevent loss and damage.

19inch Tablet Monitor & 19inch Wide angle display

**Multi Controller
Wireless Mic Receiver
AMP
Power Distributer**

..etc

**Wireless MIC.
(Hand/Pin)**

Gooseneck MIC

RFID CARD Reader

RFID Card Reader

**Laptop Interface
(POWER, RGB,LAN,USB)**

7"Touch control Pad

Mouse Pad

* PC (Option)

ELF Feature

Clear sound	Optimization for Presentation	Easy & prompt editing works

Supporting various media contents

Function of locking after finishing works.

Writing feeling like actual writing.

Supporting writing software

Supporting various video recording function.

ELF Series

	19inch Wide (16:9, 16:10)	19inch Wide (16:9)
LCD Tablet Monitor	19inch Wide (16:9, 16:10)	19inch Wide (16:9)
Sub Monitor	19inch Wide (Wide angle display Monitor)	
Dimemsion(mm)	659(W) X 1,130(H) X 750(D)	
AMP System	AMX-3030D	
Wireless Mic. System	AWM-U82R (HAND 1EA, PIN 1EA)	
Wired Microphone	AHA-G100	
Integrated Controller	AMC-7000, 7inch LCD Control Pad	
Power Distributor	APD-600	
Other	Laptop Interface , RFID	
Speaker	4 ohm 50W x 2ch	
	* ELF-19NB : No Battery Pen Model	

Digital Podium

| Digital Podium Maestro |

Maestro

- A bold and stylish design that gives the lecturer authority
- Ergonomic, robust, and stylishly attractive design
- Writing, drawing, and video recording software all available with the "Edupen" system
- RMS system available (optional)
- Supported OS: Win98 / Me / 2000 / XP / Vista / 7 / Linux / Mac compatible
- Writing input S/W: Edupen
- All multimedia, equipment, and teaching materials can be connected and supported

ISO 9001 Quality Management System
ISO 14001 Environmental Management System

[Stand Type 19/20 inch]

- Maestro-19W
- Maestro-19NB (No Battery Pen)
- Maestro-20W

[Seat Type 19inch]

- Maestro-290

19inch Tablet Monitor

Multi Controller
Wireless Mic Receiver
AMP
Power Distributer

..etc

Wireless MIC.
(Hand/Pin)

Gooseneck MIC

Laptop Interface
(POWER, RGB,LAN,USB)

7"Touch control Pad

Mouse Pad

* PC (Option)

Maestro Series

LCD Tablet Monitor	19inch Wide	19inch Wide	20inch Wide	20inch Wide
Sub Monitor		STEEL+WOOD(Stand Type)		STEEL+WOOD(Seat Type)
Dimemsion(mm)		2,037(W) X 1,170(H) X 620(D)		2,037(H) X 748(H) X 803(D)
AMP System		AMX-3020W		
Wireless Mic. System		AWM-U82R (HAND 1EA, PIN 1EA)		
Wired Microphone		AHA-G100		
Integrated Controller		AMC-6000, 7inch LCD Control Pad		
Power Distributor		APD-600		
Other		Laptop Interface		
Speaker		4 ohm, 50W 2ch		
				* Maestro-19NB : No Battery Pen Model

Digital Podium

| Digital Podium DPL |

DPL

- A stylish design with stepped up performance, a strong steel body, and cutting edge digital power.
- The DPL-195NB model eliminates the need for batteries as the pen and eraser do not require charging.
- Control amp and audio video controls are all contained within the podium
- Writing, drawing, and video recording software all available with the "Edupen" system
- RMS system available (optional)
- Supported OS: Win98 / Me / 2000 / XP / Vista / 7 / Linux / Mac compatible
- Writing input S/W: Edupen
- All multimedia, equipment, and teaching materials can be connected and supported

ISO 9001 Quality Management System
ISO 14001 Environmental Management System

[Stand Type 19/22 inch]
- DPL-195
- DPL-195NB
- DPL-220

- Adapting ecofriendly woods

DPL Feature

Clear sound	Optimization for Presentation	Easy & prompt editing works	Supporting various media contents
Function of locking after finishing works.	Writing feeling like actual writing.	Supporting writing software	Supporting various video recording function.

DPL Series

	DPL-195	DPL-195NB	DPL-220
LCD Tablet Monitor	19inch Wide	19inch Wide	22inch Wide
Active Area(mm)	410(W)x 230(H)	410(W)x 230(H)	477(W)×268(H)
Dimemsion(mm)	678(W) x 1054(H) x 680(D)		
AMP System			
Wireless Mic. System			
Wired Microphone	PPA-6000 (All in one system of Controller, AMP, Wireless MIC & Gooseneck MIC)		
Integrated Controller			
Speaker	4 ohm, 50W 2ch		
			* DPL-195NB : No Battery Pen Model

Digital Podium

| Digital Podium SIMPO (Simple Podium) |

SimPo ®
Smart Podium

- Simple ergonomic design applies a cutting-edge notebook PC interface, complimented by a 22 inch monitor
- 22 inch tablet monitor
  Refreshingly spacious screen
- Notebook PC Interface
  Utilize dual inputs with either a desktop or note-book pc
- Height-adjustable body design (up to 150mm)
- Writing, drawing, and video recording software all available with the "Edupen" system
- Supported OS: Win98 / Me / 2000 / XP / Vista / 7 / Linux / Mac compatible
- Writing input S/W: Edupen

ISO 9001 Quality Management System
ISO 14001 Environmental Management System

[Stand Type 22 inch]
• SIMPO-220

It can adjust the angle with actuator

Cable Type
Notebook interface
(RGB, LAN, USB, POWER, AUDIO)

Height adjustable body design
(up to 150mm)

It can adjust the height up to 150mm equipped with actuator inside.

Up to150mm

Outside In-Out Panel
It can connect to
Interactive LCD/White board
or projector

Simpo Feature

Clear sound	Optimization for Presentation	Easy & prompt editing works	Supporting various media contents
Function of locking after finishing works.	Writing feeling like actual writing.	Supporting writing software	Supporting various video recording function.

MODEL	SIMPO-220
LCD Tablet Monitor	22inch Wide
Active Area(mm)	477(W)×268(H)
Dimemsion(mm)	790(W) x 976(H) x 572(D)
AMP System	PPA-6000A
Wired Microphone	(All in one system of Controll AMP System, Gooseneck MIC)
Integrated Controller	
Speaker	4 ohm, 50W 2ch

Smart LCD

Smart LCD

With adoption of tempered anti-glare glass, it prevents lecturer from dazzling and helps protect lecturer's sight

- Realizing clear and bright high-definition in any circumstances.
- Providing delicate writing with optical image sensor.

ISO 9001 Quality Management System
ISO 14001 Environmental Management System

LCD,LED PANEL Adoption

SAMSUNG + AHA

Feature

- Realizing future digital electronic class without chalk.
- Providing various picture terminal which students can watch Full HD educational broadcasting that will be provided by IPTV in the near future.
- Fullfilling effective class by viewing angle 178degree.
- Maximizing effectiveness by writing on the screen.
- Compatibile to various multi–media.
- With combined adapter, it can connect to various apparatus.

A-Board

- Full HD (1920 x 1080)
- Optical Camera Sensor
- No more projector

❝ The most essential multimedia system with a display designed to foster creative communication capability!

Smart LCD Series
[70/82 inch]

82"
70"
65"
55"
46"

• CSLCD-70D   • CSLCD-82D

Smart LCD Series

MODEL	CSLCD–70D	CSLCD–82D
Screen Size	70inch LCD	82inch LCD
Resolution	(1,920 X 1,080) 1,080P FULL HD	
Contrast Ratio	2000:1	
Panel Maker	SAMSUNG	
Coordinates Recogniziog Technology	Camera image interpretation technology(Optical image sensor)	
Touch Tool/Reaction	Hand or other solid object, 50m/s(min)	
Coordinate Setting	Automatic coordinate setting (no need for driver)	
Interface USB	USB2.0(full speed), HID compatibility, Plug and play type	
Screen Ratio	16:9(Wide)	
Supported OS	Window98 / Xp / Vista / 716 : 9(Wide)	
External Dimensions(mm)	1,667 x 1,028 x 131	1,924 x 1,175 x 132
Common	16:9 Screen Ratio / HD progressive scan, super precision screen for preventing reflection / Hard coating to prevent surface from scratches	

Digital Information Display
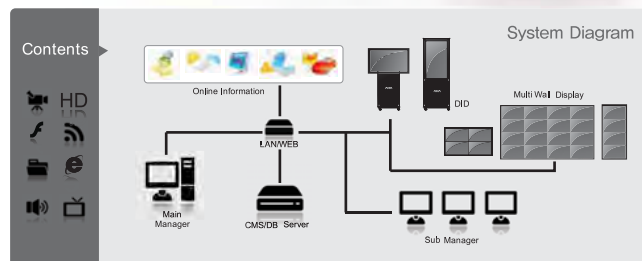
| DID |

Smart PR

Broadcasting & Communication

Touch Screen function applied Multi Purpose
DID Broadcasting and interactive communication products

- High Brightness LCD application
- Embedded Touch Screen function (Option)
- Length and width Image support which composited
  Pivot Tech
- Built in Speaker composition
- LAN, wireless LAN internet support
- Window7 support

ISO 9001 Quality Management System
ISO 14001 Environmental Management System

Contents

HD

System Diagram

Smart PR Series

MODEL	ADID-4670P	ADID-4670PT
Type	46inch Portarit	
Brightness	700cd/㎡	
Contrast Ratio	4000:1	
Resolution	1920 1080 F Ⅱ HD	
Dimemsion	700x2000x480	
Speaker	8W+8W	
Power	AC100-240V	
Touch Sensor		IR SENSOR
In/Out Terminal	HDMI(3), D-SUB(1), COMPOSITE(1), COMPONENT(1), S-VIDEO(1), SCART(1), PC-Audio(1), SPDIF(1), RS232C(1), EXT.Audio Output(1)	