COSMOS

AHA

About AHA

· As a pioneer of innovative touch sensor technologies, AHA is the global leader of manufacturing, providing total solutions for display based IT products and also, world class product manufacturer in KOREA in the field of wide range of Interactive Flat Panel Display, Smart Table, Digital Signage and Digital Podium.

· With over 21 years of experience, AHA has received honorable awards celebrating its developments in touch sensing and interactive technologies.

· Whether it's educational institution, commercial enterprise, corporate setting or special project, AHA's technology will improve the way you create, show, share, and interact with information.

· We continue growing as taking No. 1 ranking with over 40% market share in Korean educational technology market and also, expanding fast into overseas markets globally selling in more than 60 countries.

· Satisfied customers throughout the world are evidence that Korea's best is quickly becoming the world's best.

2006
World 3rd EMR Touch Sensor
Technology development
World 1st 19" Wide LCD Tablet
Monitor development

2009
World 5th Optical
Touch Sensor
development

2013
World 1st 84"
P-CAP Interactive
LED Display
development

1995
Established

2002
World 1st
Digital Podium
development

2007
World 1st EMR Touch
Sensor 20" Wide
LCD Tablet Monitor
development

2012
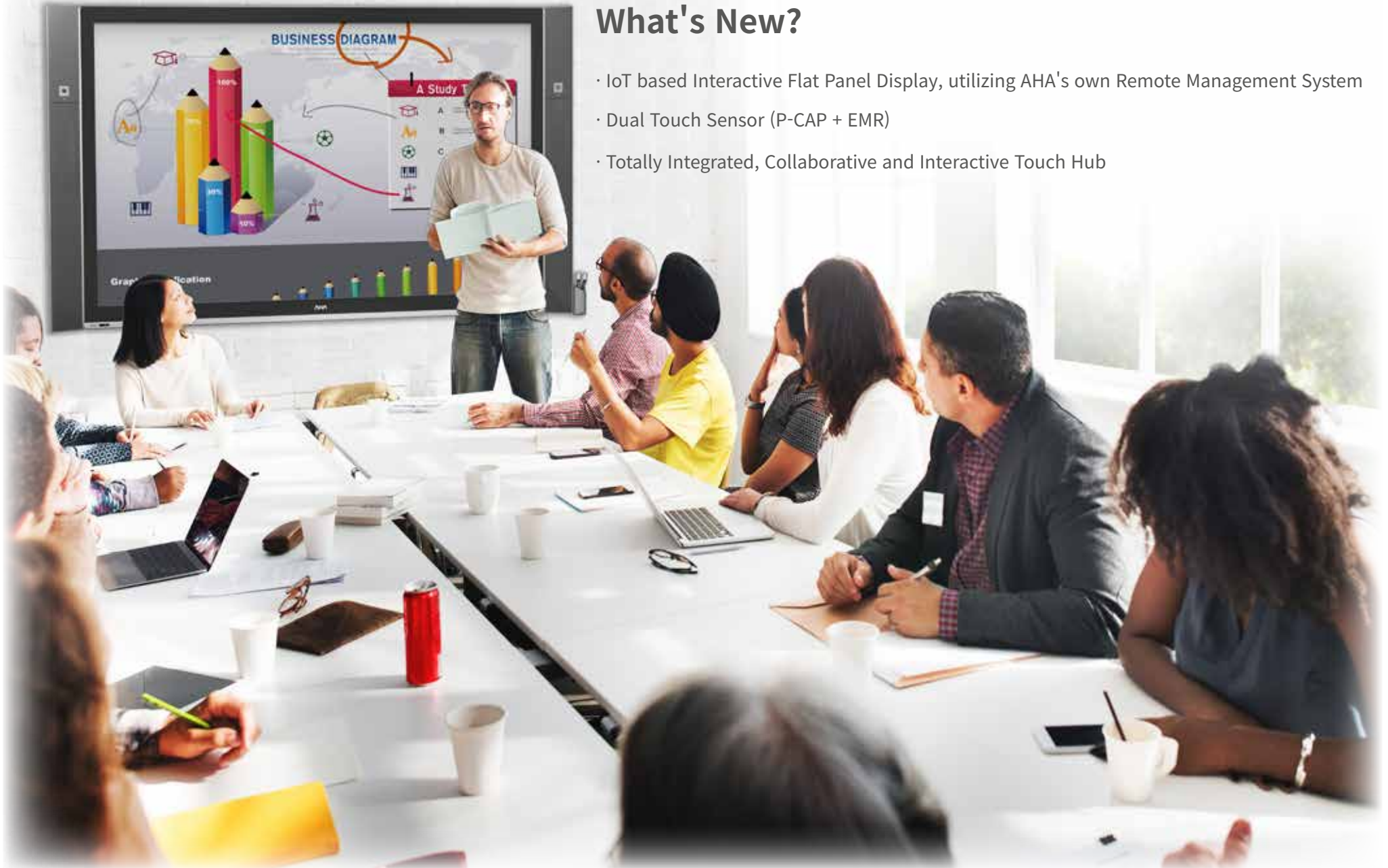World 1st 84"
Interactive LED
Display development

2015
World 1st 75" P-CAP
Sensor Display
development

What's New?

· IoT based Interactive Flat Panel Display, utilizing AHA's own Remote Management System

· Dual Touch Sensor (P-CAP + EMR)

· Totally Integrated, Collaborative and Interactive Touch Hub

Totally Integrated, Collaborative & Interactive Touch Hub, "COSMOS"

AHA's brand new product, COSMOS, is the ultimate business & corporate solution for you to collaborate and share the valuable contents to your colleagues and partners.

What is COSMOS?   The cosmos is the universe regarded as a complex and orderly system; the opposite of chaos. The philosopher Pythagoras used the term cosmos for the order of the universe. Alexander von Humboldt assigned it to his multi-volume treatise, Kosmos, and, along the way, influenced our present.

COSMOS

Totally Integrated, Collaborative & Interactive Touch Hub

1 **World 1st Dual Touch Sensor**
It incorporates P-CAP & EMR touch sensors into IFPD

2 **Two Cameras**
Two high definition cameras with 720P HD grade allow more vivid video conferencing. If any objects disturb by blocking the camera, then the other camera is automatically turned on.

3 **Easy Connectivity**
It offers various inputs including USB (touch and memory), HDMI from the side.

4 **Side Speaker bar**
For better sound experience with 20W x 2Ch.

5 **Aluminum Bezel**
Premium and stylish design. On the bottom left of the IFPD, there is Menu Key which enables you to pop up Android initial on-screen.

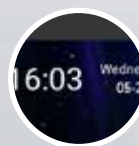**6** **Pen Holder**
Swivel type of holder.

Android

· 5.1 (Lollipop) OS Version, Quad Core 1.2GHz CPU, 2G DRAM, 8G Flash
· On screen configuration (Android Home Page) OPS PC, External Source,
  Air Bridge, Easy Note, Internet Explorer, Skype, APPS. PIP function

* COSMOS is compatible with Windows and Mac

UI configuration

Date & Time Display

OPS PC

Easy Pen

Skype
Click and connect Skype

AirBridge
· 10 touch points including reverse touch
· 5GHz. 40MHz bandwidth, 20m (line of sight)

Other Device Controller
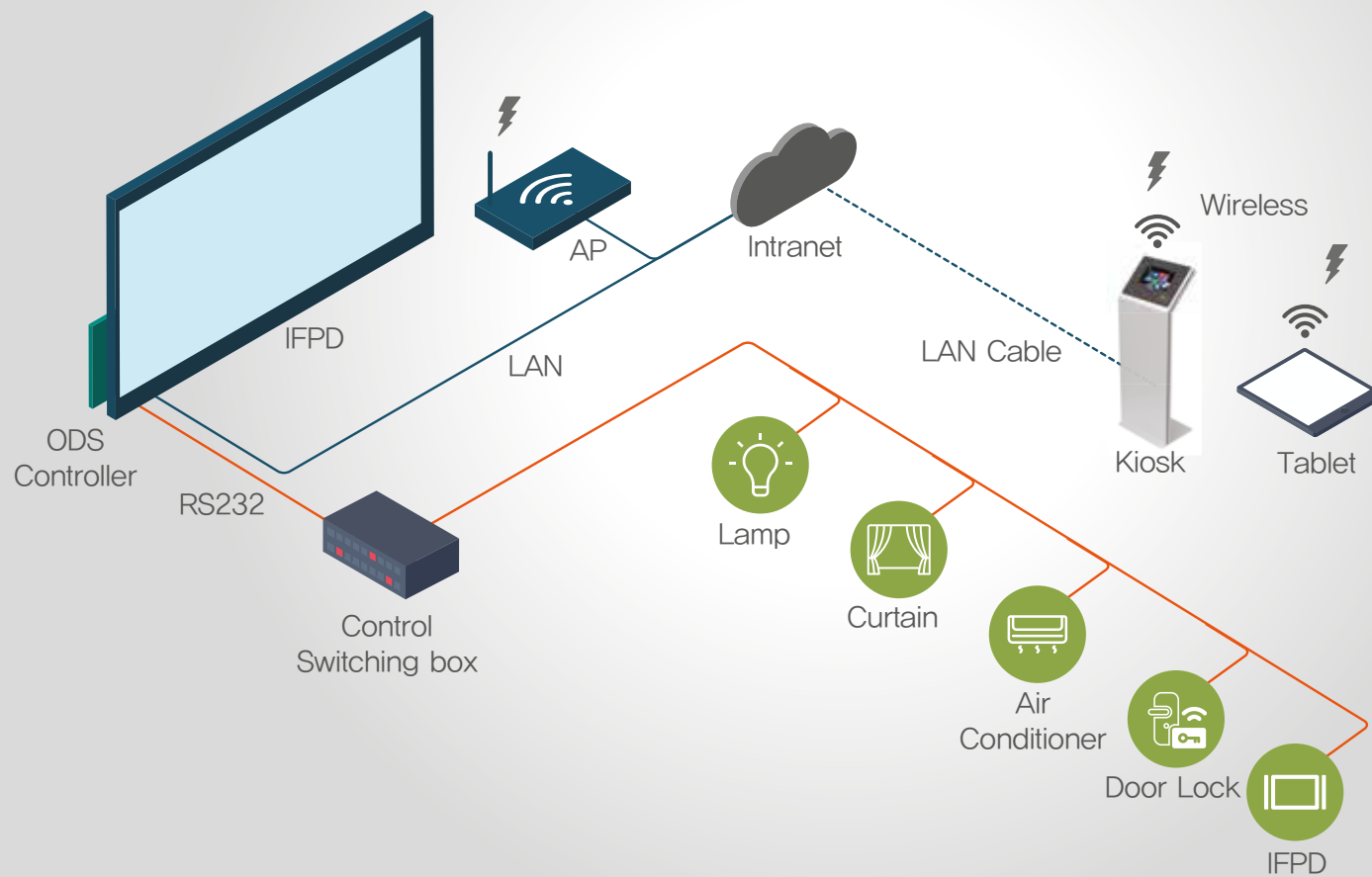Control Devices in conference room

PIP(Picture in Picture)
enables you to see what contents connected by touching icon

Conference Control Solution

· Based on AHA's RMS(Remote Management System) technolgy, COSMOS can recognize users and can see if the users can be allowed to use the products and users can control the connected devices. IoT(Internet of Things) based conference environment can be fully provided. (Conference room door, light, air conditioner, curtain can be monitored and controlled remotely)

· Enable to sequence control and monitor each meeting room from the server, and even through smart phone from outside building

IFPD

AP

Intranet

Wireless

LAN Cable

ODS Controller

LAN

RS232

Control Switching box

Lamp

Curtain

Air Conditioner

Door Lock

IFPD

Kiosk

Tablet

RFID card

Control Kiosk

8.9 inch Touch Pad

RFID reader

RS-232C, LAN, WiFi

AirBridge
· 10 touch points including reverse touch
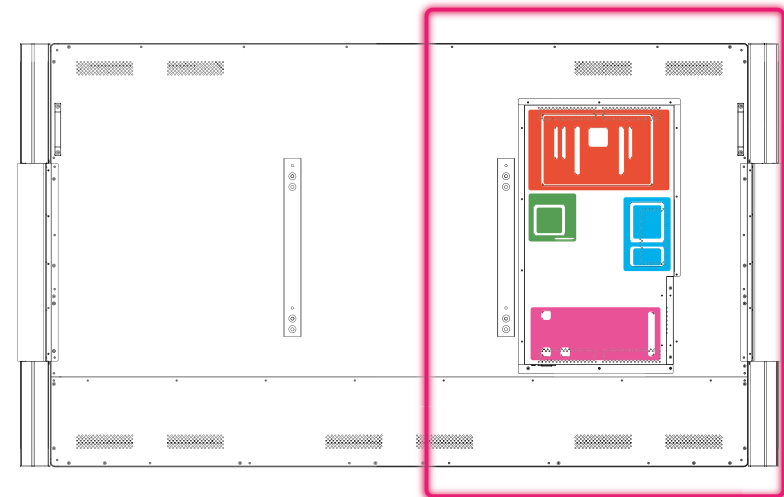· 5GHz. 40MHz bandwidth, 20m (line of sight)

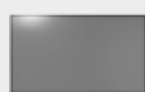The specifications could be changed by certain touch sensor.

Easy Connection & Auto Source Recognition

USB 3ea, HDMI port placed at the side of the panel enables auto source recognition as soon as input signal come

Simple back cover makes it much easier to fix when repair is needed. Only one engineer can fix it without detaching the display from the stand.

IFPD Line up Matrix

Series	Sensor	98"	86"	84"	75"	70"	65"	55"
UHD								
COSMO-9000	P-CAP + EMR			COSMO-9084ECU	COSMO-9075ECU		COSMO-9065ECU	COSMO-9055ECU
COSMO-8000	P-CAP			COSMO-8084CU	COSMO-8075CU		COSMO-8065CU	COSMO-8055CU
ULTRA-7000	EMR+IR			ULTRA-7084ERU	ULTRA-7075ERU		ULTRA-7065ERU	ULTRA-7055ERU
ULTRA-6000	IR	ULTRA-6098RU	ULTRA-6086RU	ULTRA-6084RU	ULTRA-6075RU		ULTRA-6065RU	ULTRA-6055RU
IPENTA-6000		PENTA-6098RU	PENTA-6086RU	PENTA-6084RU	PENTA-6075RU		PENTA-6065RU	PENTA-6055RU
FHD								
ULTRA-5000	IR				ULTRA-5075R	ULTRA-5070R	ULTRA-5065R	ULTRA-5055R
PENTA-5000					PENTA-5075R	PENTA-5070R	PENTA-5065R	PENTA-5055R