
PKLNS

Product Catalogue

YOUR SMART SYSTEM

Integration Solution
The Ubiquitous E-Learning



PKLNS CO.,LTD

HQ&Factory 1. 425-16, Annam-ro, Bupyeong-gu, Incheon, Republic of Korea

TEL. +82-32-552-3596 / FAX. +82-32-567-3596

WWW.PKLNS.COM

E-mail. pklns@pklns.com / pk@pklns.com / overseas@pklns.com

PK Pro Space Digital Podium

Digital Podium forms an essential part of Large Halls and Auditoriums for Lectures, Seminars and Presentation. Audience can enjoy the various contents during the presentation by digital podium, its powerful edit and writing software make the colorful contents and let the atmospherics more activity.

Integrated one touch system let the users much easier to control all devices in the hall. Save time, Improve maximize the efficiency.



PK Pro Space Digital Podium Series

Digital Podium makes learning an enjoyable experience for students, and also can improve academic performance of students via effective and affordable writing software, students and teacher can get maximum sensory experience through the rich, deep and up to date contents.

Digital Podium can be used not only in schools, but also in companies, meeting rooms, hotels, and other places. Digital Podium is kind of all-in-one product that can control audio, video, sound system etc. as multimedia system.



Digital Podium Series

"The best ubiquitous E-learning system for dedicate your smart classroom"



PK-190D / 220D



PK-190SR / 220SR



PK-220SP

Podium Body	Top+BODY METAL	Podium Body	Top+BODY METAL	Podium Body	Top+BODY METAL
Tablet Monitor	19" ~ 22" W(Touch Monitor)+ 19" ~ 22" W(SUB Monitor)	Tablet Monitor	19" ~ 22" (16:9 Wide)+ Touch Monitor	Tablet Monitor	22" (16:9 Wide) Touch Monitor
Intergratde Controller	PKS-7000H Controller(inside AMP) + 7" LCD Touch Pad + Lamp Interface (HDMI)	Intergratde Controller	PKS-7000H Controller(inside AMP) + 7" LCD Touch Pad + Lamp Interface (HDMI)	Intergratde Controller	All in one PC + Touch Keypad + Interface (HDMI)
Microphone(Wireless)	Gooseneck + Wireless Microphone (Hand + PIN)/PIN	Microphone(Wireless)	Gooseneck + Wireless Microphone (Hand + PIN)/PIN	Microphone(Wireless)	Gooseneck Microphone
Amplifier	150 Watt x 2 / 4Ω (300 Watt)	Amplifier	150 Watt x 2 / 4Ω (300 Watt)	Amplifier	-
Speaker	60W (2EA)	Speaker	60W (2EA)	Speaker	60W (2EA)
Drawing S/W(PK chalk box)	Writing & Drawing & Recording & Capture	Drawing S/W(PK chalk box)	Writing & Drawing & Recording & Capture	Drawing S/W(PK chalk box)	Writing & Drawing & Recording & Capture

Feature



PK-220SU



PK-190ST

- Ergonomically Designed user interface
- Lift Controller for Various Customers
- Easy moving with special Steel-material wheel
- Monitor angle adjustment function
- The effective lesson through wire / wireless microphones
- Control all multimedia device in Classroom by the convenient integration controller
- Use in university, international school or meeting room

Podium Body	Top+BODY METAL	Podium Body	Top+BODY METAL
Tablet Monitor	22" Wide Touch Monitor	Tablet Monitor	22" Wide Touch Monitor
Intergratde Controller	PKS-7000H Controller(inside AMP) + 7" LCD Touch Pad + Lamp Interface (HDMI)	Intergratde Controller	PKS-7000H Controller(inside AMP) + 7" LCD Touch Pad + Lamp Interface (HDMI)
Microphone(Wireless)	Gooseneck	Microphone(Wireless)	Gooseneck + Wireless Microphone (Hand + PIN)/Per Set
Expended Interface	VGA, LAN, RS232, 5.5 MIC, AC POWER IN		
Amplifier	100 Watt / 8Ω	Amplifier	150 Watt x 2 / 4Ω (300 Watt)
Speaker	60W (2EA)	Speaker	60W (2EA)
Drawing S/W(PK chalk box)	Writing & Drawing & Recording & Capture	Drawing S/W(PK chalk box)	Writing & Drawing & Recording & Capture

Slide type dual monitor



PK-190D / PK-220D

- Ergonomically designed user interface
- Lift controller for various customers
- Easy moving with special steel-material wheel
- Monitor angle adjustment function
- The effective lesson through wire / wireless microphones
- High-quality Goose-neck microphones (Low howling noise)
- Control all multimedia devices in classroom by the convenient integration controller
- Use in university, international school or meeting room

EASY

Support

Smart

Stand Dual Digital Podium



Product Detail



7" LCD Touch Pad

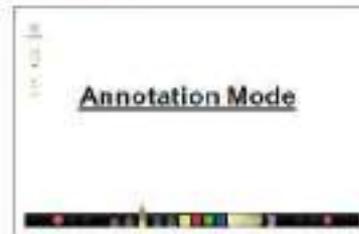


Laptop Interface



19.22" (16:9W) Tablet Monitor

Product Component



Chalkbox & Instruction CD





PK-190SR / PK-220SR

- Ergonomically designed user interface
- Lift controller for various customers
- Easy moving with special steel-material wheel
- Monitor angle adjustment function
- The effective lesson through wire / wireless microphones
- High-quality Goose-neck microphones (Low howling noise)
- Control all multimedia devices in classroom by the convenient integration controller
- Use in university, international school or meeting conference room
- The superstructure composed with 19"~22" LED tablet touch monitor

EASY

Support

Smart



Stand Single Digital Podium

Product Detail



7" LCD Touch Pad



Laptop Interface



19" (16:9W) Tablet Monitor

Product Component



PKS-950



PK-SP-500



PKS-PA-500



PKS-7000H



Chalkbox & Instruction CD





DUAL(Sliding type door)

PK-220SU

- Ergonomically designed user interface
- Lift controller for various customers
- Easy moving with special steel-material wheel
- Monitor angle adjustment function
- The effective lesson through wire / wireless microphones
- High-quality Goose-neck microphones (Low howling noise)
- Control all multimedia devices in classroom by the convenient integration controller
- Use in university, international school or meeting room

EASY

Support

Smart



Stand Single Digital Podium

Product Detail



7" LCD Touch Pad



Laptop Interface



22" (16:9W) Touch Monitor

Product Component



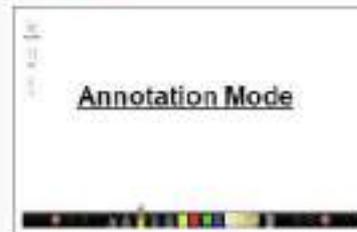
PK-SP-500



PKS-7000H



Expanded Interface



ChalkBox & Instruction CD



PK-190ST

- Ergonomically designed user interface
- Lift controller for various customers
- Easy moving with special steel-material wheel
- Monitor angle adjustment function
- The effective lesson through wire / wireless microphones
- High-quality Goose-neck microphones (Low howling noise)
- Control all multimedia devices in classroom by the convenient integration controller
- Use in university, international school or meeting room

EASY

Support

Smart

Seat type Digital Podium



Product Detail



7" LCD Touch Pad



Laptop Interface



19" (16:9W) Tablet Monitor

Product Component



PKS-950



PK-SP-500



PKS-PA-500



PKS-7000H



Challenge & Instruction CD



PK-220SP

- Ergonomically designed user interface
- Lift controller for various customers
- Easy moving with special steel-material wheel
- Monitor angle adjustment function
- High-quality Goose-neck microphones [Low howling noise]
- Wireless e-lecture board that can be used only with power cord without complicated line
- Use in university, international school or meeting room
- Easy 3 stage assembly type

EASY

Support

Smart

Stand Single Digital Podium



Product Detail



Touch Key Pad + Gooseneck MIC + PC



Actuator (Up and Down)



Expandable Shelf (option)

Product Component



Gooseneck MIC



Intel PC



Receiver



Transmitter (Option)



Chalkbox & Instruction CD



Pro Space GB

Wireless Communication

Android Mobile
(PKLNS App Supported) 
7" Touch Pad
(Portable) 





Prospace GB (PK-7000GB)

PK-7000GB could be utilized to control all the devices wireless communication with PK-7inch control pad or android mobile phone(App Downloading).



SPECIFICATION

Zigbee Spec	IEEE 802.15.4 Support
Size	31(Width) x 68(Length) x 16(Height)
Sensitivity	-98dBm
Communication Distance	120M
Frequency Range	2.4 GHz ISM Band
Antenna	Dipole Antenna (4dB)
Interface	DSUB-9 Female (RS232)

All the interface communication would be wireless on smart technology.



PK-RFID Series



Laptop Interface



7" LCD Touch Pad



Wireless Microphone (PKS-WM900)



Controller (PKS-7000H)

Prospace RFC (PK-7000RFC) - Power Control System

- PK-7000RFC could be controlled the main power on / off function of PK-digital podiums by private ID card
 - It could be automatically turn on / off all the components devices of podium connected.
Such as PC, Notebook,DVD, Visual Presenter, Interactive board, Temperature Sensor, Screen, Controller Keypad, Wireless Microphone, AMP, Speaker, PC Monitor and Elevation & Projector and so one by simultaneously interactive control system.

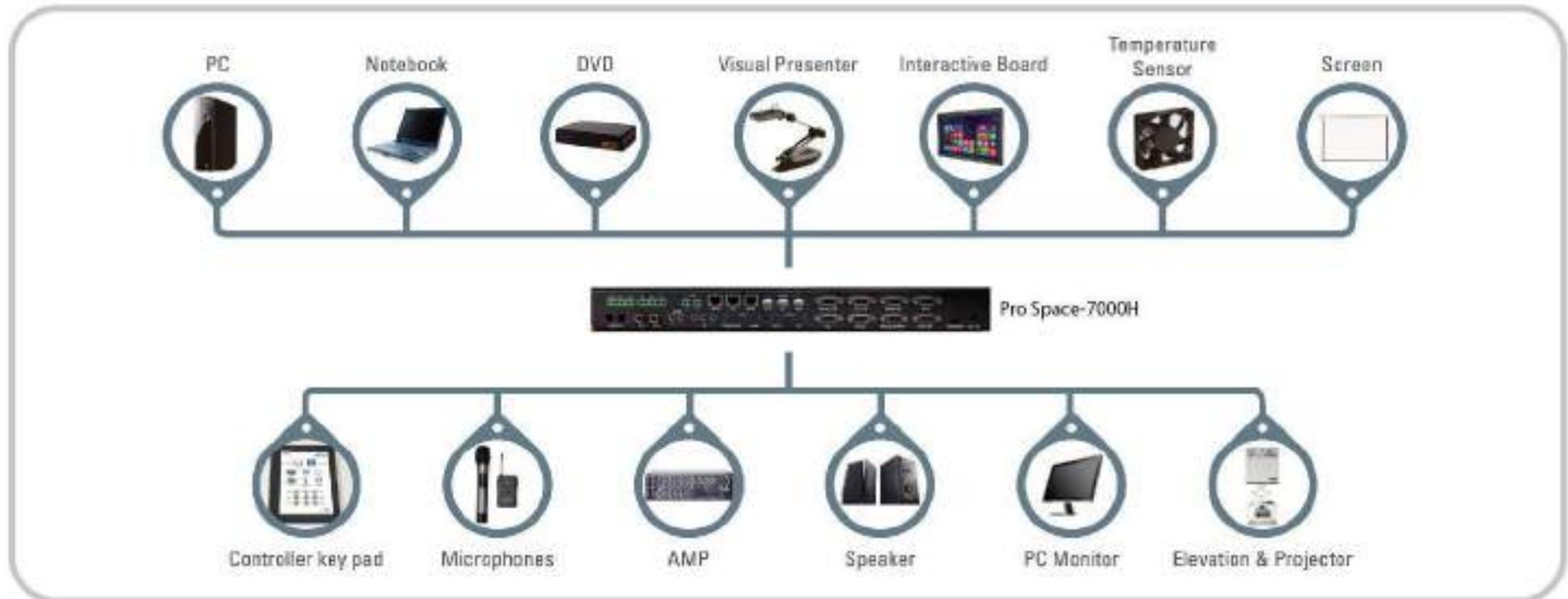
Prospace RFS (PK-7000RFS) - Automatically Locking System

- PK-7000RFS could be controlled all the locking system of PK-digital podiums by private ID card.
 - It could be automatically locking activate by simultaneously interactive control system.
 - All the components of podium inside would be very protected safety from outside effect.

Prospace RFT (PK-7000RFT) - Power Control System, Automatically Locking System

- PK-7000RFT could be controlled the main power on / off and all the locking system of PK-digital podiums by private ID card.
 - It could be automatically turn on / off and auto locking activate by simultaneously interactive control system.

Pro Space-7000H Multi Controller Diagram



- The Smart controller (Pro Space-7000H) can be utilized to control all devices in the class room such as ;
IWB(Interactive White Board), TV, DVD, AV Receiver, Air Conditioner, Home theater Media center PC, Projector, Curtain, Lighting, Screen... other that devices can be resisted for use.
- The switches on the operating panel are centrally arranged to enable one-touch operation and interfacing of the devices to increase user-friendliness.

RMS (Remote Monitoring System) - Option



RMS would be monitoring and controlling the podiums each classroom or training by LAN(Local IP address)
 Supported the PK-RMS software through Administration

INTERACTIVE WHITE BOARD

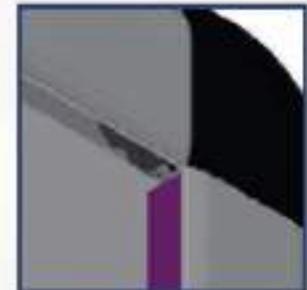


Aluminum Optical Frame

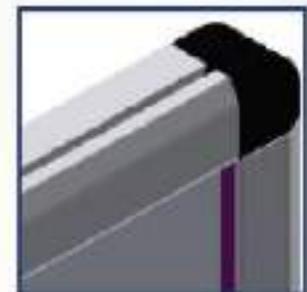
(Light Reflective Tape or IR Bar)

Feature

- Able to process 125 frames per second
- Any pointing device can be used, i.e. stick, pen or finger
- Robustness compared to capacitive / resistive touch screens
- Applicable to large screen (less than 300 inches diagonal dimensions starting from 40")
- No need to install software for touch screen functionality
- Support for multi-touch
- Gesture recognition support
- support installation of external function key
- Firmware upgrade Provided via PC
- PK Chalk Box annotation software provided
- Soft key function support



4 Optical Camera



Round Corner

OPTICAL CAMERA INTERACTIVE WHITE BOARD

You can operate computer directly on the whiteboard as well as write or annotate with comfortably designed electronic pen/finger/wand, which has double-click function. There are no less than 18 hotkeys on both side of PKLNS board to achieve certain frequently used functions. Some of them can be customized.

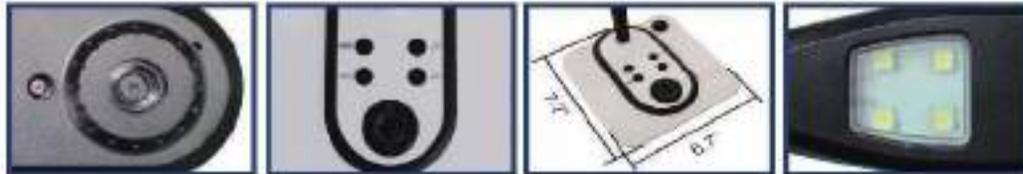
Application :

Education,
Presentation,
Project discussion
Internet conference
etc...



DOCUMENT CAMERA

Detail



Camera

Panel Interface

Panel Dimension

LED Light



Feature

5 Megapixel

High Quality 5-Megapixel camera sensor captures vivid image of documents, 3D object, and live movement

25fps

Experience crystal clear, blur-free image with vivid, true-to-life colors during any live demonstration through HD 1080p at 25fps output capabilities

The onboard annotation

HD1080p output resolution ensures your displays images are clear on big screens.

High Definition output

Annotate, draw or mark text over live images from an visualizer with a variety of helpful teaching tools.

DIGITAL INFORMATION DISPLAY



Feature

The PK Pro Space DID 42", 55", 65", 70", 84" LED Displays features a thin bezel design

The PK Pro Space DID series was designed for performance and styling

High definition display, clear and delicate

Multi-interface, connecting Convenient

Metal casing, Tempered glass protection, Strong aluminum alloy/stainless steel

Floor standing ultrathin LED player USB update

Elite W embedded system solution

Easy Operation, High fidelity sound quality, bring you the perfect audio-visual enjoyment

Application : Airport, Trade Show, Exhibitions, Show room, Shopping malls, Retail locations



DIGITAL PODIUM

Model	PK-190D / 220D	PK-190SR / 220SR	PK-220SU	PK-190ST
Material	Top MDF + Body Metal	Top + Body Metal	Top MDF + Body Metal	Top MDF + Body Metal
Tablet & Touch Monitor	19"-22" W (Tablet Monitor) & 19"-22" W (Sub monitor)	20"-22" Wide (36:9) Touch Monitor	19"-22" Wide (36:9) Touch Monitor	19" Wide Tablet Monitor
Integrated Controller	PKS-700H Controller (Inside AMP) + 7" LCD Touch Pad + Laptop Interface (HDMI)	PKS-700H Controller (Inside AMP) + 7" LCD Touch Pad + Laptop Interface (HDMI)	PKS-700H Controller (Inside AMP) + 7" LCD Touch Pad + Laptop Interface (HDMI)	PKS-700H Controller (Inside AMP) + 7" LCD Touch Pad + Laptop Interface (HDMI)
MicroPhone	Gooseneck + Wireless Micro Phone (Hand + DIN) / Per Set	Gooseneck + Wireless Micro Phone (Hand + DIN) / Per Set	Gooseneck	Gooseneck + Wireless Micro Phone (Hand + DIN) / Per Set
Amplifier	100Watts (190W*2) 4Ω	300Watts (190W*2) 4Ω	300 Watt / 4 Ω	300Watts (190W*2) 4Ω
Speaker	60W (30W x 2EA)			
Laptop Interface	VGA, HDMI x 2, RJ45, USB x 4, Power Socket	VGA, HDMI x 2, RJ45, USB x 4, Power Socket	VGA, HDMI x 2, RJ45, USB x 4, Power Socket	VGA, HDMI x 2, RJ45, USB x 4, Power Socket
Drawing S / W (PK Chalk Box)	Writing & Drawing & Recording & Capture			
Net Size	150 x 750 x 1100mm / 830 x 700 x 1120mm	640 x 750 x 1084mm	640 x 860 x 1150mm	390 x 707 x 847mm
Gross Size	180 x 850 x 1320mm / 101 x 843 x 1320mm	830 x 850 x 530mm	960 x 850 x 1120mm	990 x 850 x 1328mm
Net Weight	70 KG / 80KG	65KG	68KG	80KG
Gross Weight	120 KG / 130KG	115KG	115KG	120KG

DIGITAL PODIUM (OPTION)

PK 7000GB		PK RFID Series		BUTTON TYPE KEYPAD (OPTION)		
Zigbee Spec	IEEE 802.15.4 Support	Reading Distance	3-15cm	Display	LCD 2 + 16 Line	
Size	31(W) x 68(L) x 16(H)	Reading Mode	EM-10/NFare	RS 232	BAUD RATE	15,200 bps
Sensitivity	-90 dBm	Size	42 x 80 x 12.5 mm		DATA	8 bit
Communication Distance	120M	Voltage	DC0-10V		DRTY	NO
Frequency Range	2.4 GHz ISM Band	Working Current	<100mA		STOP	1
Antenna	Dipole Antenna (4dB)	Dimension	80 x 42 x 12.4 mm	Antenna	DC 12V / 70mA	
Interface	DSUB-9 Female (RS232)	Weight	0.685KG	Interface	194.3mm 118.2 mm	

DIGITAL PODIUM (new model)

Model	PK-220SP
Material	Metal
Monitor	22" Wide (36:9) Touch Monitor
Integrated Controller	Touch Control Pad
MicroPhone	Gooseneck
PC	Intel i3 + 128SSD + 8G Memory
Speaker	60W (30W x 2EA)
Laptop Interface	VGA, HDMI, RJ45, USB x 2, Power Socket
Drawing S / W (PK Chalk Box)	Writing & Drawing & Recording & Capture
Net Size	800 x 470 x 1136.7 mm
Gross Size	850 x 550 x 1380 mm
Net Weight	49KG
Gross Weight	59KG

PK-WDR01 (WHDMI)

CPU	ARM Cortex A53 x 8
RAM	1 GB DDR3
Storage	8GB
OS	Android 5.1
Output	HDMI/VGA
USB	USB HOST * 2
Interface	RJ-45 10/100M
Wireless	IEEE 802.11ac (2.4G/5G)
Audio output	3.5mm audio jack
Touch system	mouse / Infrared touch / Capacitive touch
Max USB transmitters	8
Max simultaneous display	2
Resol.	1920*1080 60P / 1920*1080 50P
	1920*1080 30P / 1920*1080 24P
	1280*720 60P / 1280*720 50P
	720*576 50P / 720*480 60P
POWER	5V2.5A
Operating temperature	0-50°C
Storage temperature	-20-70°C

DOCUMENT CAMERA

Model	Pro Space 310DC
Sensor	1/3" CMOS
Total Pixel	2 MegaPixel
Zoom	124 Zoom (14 x Optical, 16 x Digital)
Frame Rate	22
Shooting Area	Max : 16.5" x 11.7" / Min : 0.1" x 0.1"
Focus	Auto / Manual
Native output signal	5XGA (1280x1024)
Converted output signal	XGA
Resolution(Horizontal)	≥150 TV Line
White Balance	Auto / Manual
Brightness Adjustment	Yes
Color Adjustment	Yes
Power Supply	12V DC Power Adapter
Dimensions	Set Up: 6.7" x 13.1" x 13.5", Folded: 6.7" x 7.2" x 13.5"
Weight	Lightweight (10.4 lb / 4.7kg)
Image Capture	Yes, 200 volatile images
Video Recording	Yes, With Sound
Image mirror	Yes
Image Rotation	180
Image Split	Yes
Image Freeze	Yes
OSD	Yes
3D	Yes
OutPut Terminal	
VGA	x1
Other Terminal	
USB 2.0	3x (x1 10/100 camera / built-in image download)
USB Driver and Software	Win 7/8/XP/Vista, Mac OS 10.4 or above, Driver plug and play
Remote Control	Yes
Kensington lock	Yes
Light Source	Embedded LED lamp on Arm
Operating Temperature	32°F to 113°F
Power Supply	12V DC power Adapter
Dimension	Set Up: 6.7" x 13.1" x 13.5" Folded: 6.7" x 7.2" x 13.5"

DIGITAL INFORMATION DISPLAY

Model	Pro Space DID 42	Pro Space DID 55
Screen Size	42	55 (16:9)
Display Area	933.0 x 533.5mm	1217.6 x 688.4mm
Pixel Pitch	0.3815 (H) x 0.4645 (V) mm	
Panel Resolution	1920 x 1080	
Full HD	1080 P	
Horizontal Frequency	30 - 80KHZ	
Vertical Frequency	50/75HZ	60/75HZ
Color	16.7M	16.77M
Life	50000H	
Contrast Ratio	1400:1	1500:1
Brightness	500cd/m2	
Angle Viewing	178/178	178/178
Speaker	(10W + 10W)	
Input voltage	AC 10-240V 1.5A 60HZ	AC 10-240V 1.5A 50/60HZ
DIGITAL INFORMATION DISPLAY(option)		
DID with Touch Sensor		
Type	#1.2 Touch Control Panel	
Touch Point	Finger, Pen	
Position Accuracy	±2mm	
Response Time	8ms	
OutPut Resolution	4096 x 4096	
Scan Response	90 Scans/s	
Connecting Port	USB / Serial Port / PS2	
DID with Touch sensor + PC Inside		
DID with Touch Senso		
CPU	Intel i3, i5, i7	
Memory	4G	
Hard disk	64, 128, 256 GB SSD	
Main Board	H61 Industry Main Board	

INTERACTIVE WHITE BOARD

Model	PK PRO 101C	PK PRO 85C
Inch	101	85
Active Board Size	1375 x 2343	1182 x 1847
Board Size	1475 x 2343	1282 x 1947
Screen Rate	16 : 10	
Screen	Esami Coresk Surface is durable and Optimized for Projection	
Touch System	T1k Optical Touch Sensor - 2 Camera Standard (Up to 4 points) - 4 Camera Standard (Up to 10 points)	
Touch Operation	Finger, Stylus or any object to operate	
Touch Resolution	32767 x 32767	
Touch Response Time	7ms to 13ms (typical response time 9ms)	
Touch Response Rate	125 Responses per second (rps)	
Operation Temperature	Operating: 0-40°C Storage: -20-60°C Humidity: 10% to 90% RH, non-condensation	
Weight	40kg	35kg
PC Interface	USB 2.0 compatible (Full speed), HID Compliant, Plug & Play Compatible	
Operating System	Windows 10, Vista, Windows 7, Linux, Mac OS, Android (T1k Normal Device Driver needed)	
Power Supply	5V DC power Adapter	
Board Weight	30 KG (101")	25 KG (85")
Warranty	1 Year	



Your Smart System