S-POWER®
YOUR EDUCATIONAL PARTNER

INTERACTIVE FLAT PANEL
MODEL:DIAMOND PRO 3 V100

ANDROID 14

48MP CAMERA(AI) & 8 ARRAY MIC

Sizes: 65" 75" 86" 98"

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S-POWER Interactive Flat Panel (Smart Board) wide application in the conference office and becoming a strong assistant of teachers. It can re-place a series of equipment widely existing in conference room and classroom, such as projectors, computers, television and so on. The In-telligence experience, high-definition smooth touch, teleconference and one of the rich functions have updated the traditional meeting and class methods and also solved various in-efficiencies and in-conveniences in the meetings over the years.

NO.1 E-EDUCATIONAL BRAND

WiFi
USB 2.0
LAN
USB 3.0
HDMI PORT
AUDIO IN
AUDIO OUT
USB C

Technical Specifications:
+ **COMPUTE:** INTEL DUAL CORE / i3 / i5 / i7 (11/12 GENERATION)
+ **RAM:** 8GB or ABOVE
+ **STORAGE:** 256 GB SSD or ABOVE
+ **OPERATING SYSTEM:** PRE-LOADED WINDOWS 10/11
+ **GRAPHICS:** INTEGRATED INTEL GRAPHICS

Special Features:
* NFC (Near field communication)
* Split screen & parallel task support
* Upgradable android version
* Supports all language(English,Nepali,Chinese etc..)
* Inbuild keyboard with all keys
* Build in white board application
* Multi task function
* 3D image processing auto detecting
* Automatic audio control through smart feature
* Wifi/Hotspot dual band wifi(2.4Ghz & 5Ghz)
* Supports Bluetooth 5.0
* Supports wireless screen mirroring

*OPS IS OPTIONAL I5 / I7 / I9
*Free Wall Mount

INTERACTIVE FLAT PANEL

Android 14.0 Inbuilt Camera & Microphone

Product Model	55"	65"	75"	86"
Overall Size	1277.6*722*88.8mm	1485.7*903*88.8mm	1706*1027*97.8mm	1964*1174.4*94.7mm
Packing Size	1330x865x160mm	1635x1050x220mm	1860x1160x220mm	2085x1345x230mm

Display	Screen assembly process	Frame/Zero gap Bonding Technology
	Backlight Type	DLED
	Display Type	2D
	Pixel pitch	0.493x0.493mm
	Writing protection	Mohs class 7 Explosion-proof glass
	Screen Ratio	16:9
	Physical Resolution	3840x 2160 UHD
	Central Brightness	500cd/m²
	Contrast Ratio (Typ)	5000:1
	Display color	1.07B (10bit)
	Viewing Angle	178° ,178°
	Refresh	60Hz
	Response Time/Working Duration	2ms /7x16 Hours
	Audio output power	20W × 2 /88%± 2%
Touch	Touch Type/Transmittance	IR Touch Screen (Pen & Finger Touch)
	Touch Points	Pc Supports 20 Touch & Android Touch upto 50 Touch
	Touch embedding method	Embedded on the side
	Touch drive mode	HID driver-free
	Touch writing surface material /Surface Haze	4mm tempered glass + Anti-glare / 25% Haze
	Touch screen sensing method	Fingers or other non-transparent touch-sensitive media
	Touch screen positioning resolution	4096 X 4096
	Touch system communication port	USB2.0
	Detection function and calibration	With software automatic detection function
	Responding speed & Touch Depth	< 2ms & ± 1mm
	Touch times /HDCP Version	Unlimited times /2.3 Ver
	Scan speed & Writing Height	100Hz/s & ≤ 2mm
	Cursor speed/Distortion	125P/S /<2.2%
	Touch accuracy /Sampling Rate	2mm /32K
	RAM	8 GB / 16 GB (optional)
	ROM	128 GB / 256 GB (optional)

SPECIFICATION	Installation method	Embedded installation(standard)		
	Front Interface	USB 3.0*1,Touch USB*1,HDMI In*1,Type C*1		
	Storgage Environment	Storage temperature: - 20°C~60°C; storage humidity: 10%RH~90%RH		
	Working Environment	Working temperature: -10°C~60°C; Working humidity: 10%RH~90%RH		
	Using LifeTime	>70000 hrs		
Power	Working Voltage	110-240V / 50-60Hz	Power switch / position	Yes / real
	Power consumption	150 / 200 / 250 / 300 Watt		
	Stand by power consumption	<0.5W	Power interface specification	Y style
Mainboard configuration scheme	Model	V100 (Mother Board)		
	System version	Android 14.0		
	To configure	Octa Core CPU (A55*8 CPU GHz 1.5) Aem Mall G52*8		
	Input port	HDMI IN*2,VGA IN*1,USB 3.0 *1,TOUCH USB*1,AUDIO IN*1,RS232*1,COAX*1,RJ45 IN*1 also includes volume keys & many more 1.USB2.0*1, TF CARD*1, MINI USB *1, OTG USB *1		
Camera	Audio frequency/Mic Depth	MPEG 1/2 layer VII, AAC-LC, WMA... /24 bits		
	Video	MPEG-2/4, AVS, H.264, H.265, TS, Real media...		
	Picture	JPG / BMP/ PNG		
	Pixel	Built in 13MP/48MP Camera(8MP for Video)	Transmission mode	USB2.0
	Output video format	2592*1944, 1920*1080, 1280*720		
Microphone	Number of microphone.	8 Array microphone	Signal-to-noise ratio	67db
	Pick up distance	12m	Functional characteristics Echo cancellation beam foming	