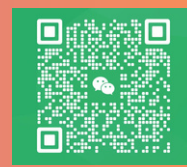


Product Catalog

INTERACTIVE FLAT PANEL
D12 (PRO) SERIES



- Interactive Classroom
- Zero-bonding Tech
- 20 points IR Touch
- DMS management
- 2 Years Warranty



(Scan to Inquire)



DS Tech



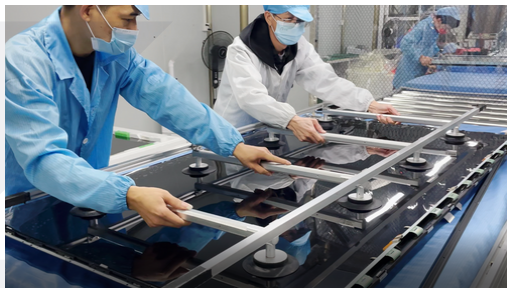
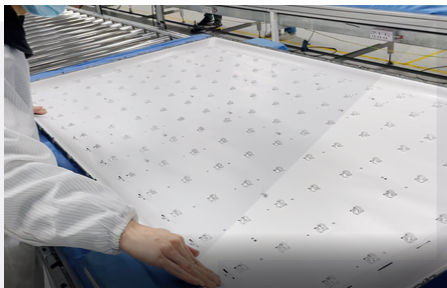
About Us.



Introduction

Shenzhen DS Technology Co., LTD is a company that specializes in manufacturing interactive flat panels for education and business. Our company name, DS, stands for Digital Signage Display Smart, which is exactly what we are all about. We strive to provide the best interactive flat panels to our customers, and we achieve this by using top-quality A-grade LG and AUO panels, etc top industry raw materials. Also, DS Tech carries out strict high-quality control to ensure every piece of IFPD is good quality. We have always maintained perfect after-sales and technical support services for digital whiteboards and LCD screens.

Headquartered in Shenzhen, and with production base in Anhui province, our factory is over 20000 square meters. The products are ISO9001, ISO14001, CE, FCC, and RoHS Certified.



Interactive Flat Panel

D12 (Pro) Series

The D12 PRO Interactive Flat Panel blends cutting-edge technology with seamless collaboration features. It offers dual operating systems—Android and Windows—for versatile use, along with 20-point touch and writing for interactive learning and teamwork. The wireless screen-sharing function supports mobile phones, laptops, and tablets, while the 4K display ensures crisp, detailed visuals. With zero bonding technology for enhanced touch clarity, a 48MP AI camera for high-quality video, and auto-tracking speakers paired with an 8-array microphone for clear audio, the D12 PRO is designed to elevate any meeting, classroom, or collaboration experience.

Android 14, RAM4G/8G
ROM32G/128G ssd



4K Display



20points Touch



48 Mega pixel AI camera



8 arrays microphone



Powerful Whiteboard



Multi-User



Wireless Screen Mirroring

65" 75" 85" 86" 98"

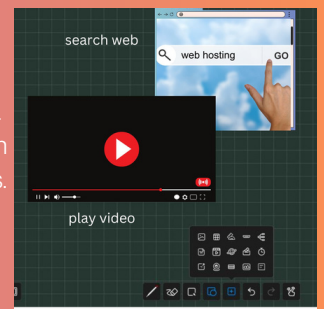


ANDROID +WINDOWS DUAL OS

The Android + Windows Dual OS of the IFPD allows easy switching between Android 14 OS and Windows. With an integrated plugin-OPS PC, users can quickly toggle between systems with a simple click, ensuring a seamless experience. This feature enhances flexibility and productivity, offering the best of both operating systems in one device.

WHITEBOARD APP

20 Points Free Writing, different pen writing, insert pictures, video, table etc.
Also D12 pro series IFPD has quick teaching tools integrated in whiteboard, can play video & search web directly. Users can scan QR to download annotations.



WIRELESS SCREEN MIRRORING

The wireless screen casting feature enables seamless projection from laptops, tablets, iPhones, and other devices to the interactive flat panel, supporting Windows, iOS, MacOS and Android for flexible connectivity without cables.

BUILT IN 48MEGA PIXEL AI CAMERA & MIC.

The smart board features a 48 MP AI camera with auto voice and speaker tracking, automatically focusing on the speaker for a more engaging, professional Zoom or Teams meeting.



DMS (DEVICE MANAGEMENT SYSTEM)

The DMS platform enables administrators to centrally manage all interactive flat panels (IFPDs) in a school from a single control PC. It allows seamless distribution of documents, images, urgent messages, and other content to selected or all panels, ensuring efficient communication and management.

Model		DS-65D12	DS-75D12	DS-85D12	DS-86D12	DS-98D12
Display Parameter	Diagonal Size	65inch	75inch	85inch	86inch	98inch
	Effective Display Area	1428.48(H)*803.52(V)	1650.24(H)*928.26(V)	1872(H)*1053(V)	1895(H)*1066(V)	2158.85(H)*1214.35(V)
	Display Ratio	16:9				
	Brightness	320cd/㎡	350cd/㎡ (can customize, up to 500nits)			
	Contrast Ratio	4000:1				1200:1
	Backlight Type	DLED				
	Viewing Angle	178°(V)/178°(H)				
	Resolution	4K , 3840 (H) X 2160(V)				
	Audio Output Power	8Ω/15W*2 (can customize max 2*20W+20W subwoofer)				
Android system	CPU	Octa-core A55 1.2GHz,up to 1.5GHz				
	System Version	Android 14				
	RAM	DDR4 4G/8G				
	ROM	32G/128G				
	WIFI	2.4G+5G WIFI module, WIFI6.0				
	Bluetooth	Bluetooth 5.0				
Touch	Touch technology	Infrared Multi Touch Technology, Zero bonding tech				
	Touch Points	20 points touch				
	Writing surface material	4mm tempered anti glare glass				
	Touch Screen Sensor Mode	Finger, writing pen, hand with gloves or other non transparent touch sensitive medium				
	Communication Port	USB 2.0 Full speed				
	Min Recognition Dim	2mm				
	ResponseTime	≤6ms				
	Touch Accuracy	90% Central area accuracy±1mm, 10% Edge area accuracy±3mm				
	Calibration	Calibration free				
	Touch Times	More than 60 million times in the same position				
	Touch Power supply Mode	USB 5.0V power supply				

Others	Power consumption of the whole machine (excluding OPS)	≤210W	≤300W	≤420W	≤420W	≤500W
	Standby consumption	≤0.5W	≤0.5W	≤0.5W	≤0.5W	≤0.5W
	Lifetime	30000 -50000 hours				
	power supply	AC100-240V, 50/60Hz				
	Demission (mm)	1485.2*905.7*88.3	1707.6*1030.9*88.3	1953.56*1177.9*88.3	1953.56*1177.9*88.3	2217.4*1324.18*108.3
	VESA hole site	4-M8 hole site 400mm*400mm				
	Net Weight	37KG	50.6KG	66KG	66KG	87.1kg
	Gross Weight	45.75KG	62KG	82KG	82KG	111kg
	package size	1600*1030*200mm	1855*1170*200mm	2095*1320*220mm	2095*1320*220mm	2358*1485*280mm

Back port	Input	LAN IN	1
		HDMI 2.0	1
		RS-232	1
		USB 2.0	2
		Touch USB	1
		USB 2.0	2
		TF-card	1
		OPS slot	1
	Output	Earphone	1
		coaxial(RCA)	1
		TOUCH OUT	1

Front port and function	USB2.0	3
	HDMI 2.0	1
	USB TOUCH	1
	Type-C	1

Front button (Optional)	Power Button On/Off*1 (can add buttons- Setting, Vol+, Vol-, anotation, Input signal type, Home, Touch Lock/Unlock
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Camera	Builtin AI 48 mega pixel camera, auto tracking speaker, and voice locating.
Microphone	8 Arrays microphone, 8 meters pick up distance, noice reduction.

****Built in camera and microphoe only for Pro series, Front button also optional, charge additionally. Please note the quotation description if it contains.

Standard Parts

Accessories	Magnetic whiteboard Pen *2 pc, Wall-Mount Bracket*1set, Power Cord*1pc, Remote Control *1pc,HDMI Cable*1pc,Touch USB cable*1, WiFi antenna *2pcs
Optional parts	wireless screen dongle, OPS computer, mobile stand. (charge additionally)



[YouTube Link \(Functions Introduction\)](#)