⊡ Donview All-In-One Touch Screen

Overview

Donview all-in-one touch screen is specially designed for teaching. It's all in one infrared technology, computer technology and HD imaging technology, using advanced full HD 1080P display technology to achieve effect of real HD display. With design of eye protection, ensuring teaching presentation is more clear and efficient. It supports 20 points touch and gesture recognition, allowing users to make presentation or annotation by finger or stylus, and erase contents by fist. Besides, it is equipped with dual operating system of Windows and Android and interactive with many pieces of tablet PC or mobile phone to enliven mobile teaching and learning.

Features

1. **User - friendly and elegant design.** Donview all-in-one touch screen's design is elegant, the frame is ultra-narrow with elegant grey color, and touch screen's bottom frame design is concave slope, the product back's design is concise.

2. **10 points touch.** The touch screen supports 20 points touch in Windows system and Android system.

3. **Erase by fist.** The user can erase the contents by fist directly or by dry eraser.

4. **Dual system, switch by one key.** Switch the system between Windows and Android by one key.

5. **Interactive with tablet PC and mobile phone.** Support to interactive with different operating system (Windows, Mac, Android OS) of tablet PC and mobile phone by Wi-Fi. The tablet PC or mobile phone can operate all-in-one touch directly and can display or save the touch screen's contents or send the contents or pictures to touch screen directly.

6. **USB interface is on front.** USB interface is on front for easy use and convenience.

7. **Power on/ off by one key.** Turn on/off all-in-one touch screen and PC by one key, avoiding computer problem as a result of unusual operation.

8. **Operate TV by finger touch.** Operate the TV Menu on the touch screen through finger touch directly.

9. **Annotation in all signals.** The user can achieve the annotation after connecting computer to touch screen without installing application software.

10. **Shortcut key on both sides of touch screen (optional).** 18 shortcut key on both of left and right side ensure the user to write or operate it easily and conveniently.

11. **Powerful teaching software, tailored teaching resources.** Donview teaching software equipped with a wealth of tailored teaching tools, teaching resources, and simulation experiments of different subjects.

12. **Durability.** Touch screen with features of anti-glare, explosion-proof, waterproof, dustproof, Anti-light interference, low consumption, without radiation.

13. **Energy saving.** Energy by one key to turn the screen to sleep and can wake up again by one key.

Donview All-in-One Touch Screen. Technical Parameters and Specifications

Model		DS-86IWMS-L05PA
Product Size		86inch
Screen Parameters	Type	a-Si TFT-LCD
	Panel	A + Grade
	Aspect Ratio	16:9
	Display type	WLED Backlight
	Resolution	3840×2160 (4K Ultra HD)
	Brightness	Standard: 350 cd/m2
		User: 400 cd/m2
	Contrast Ratio	4000:1
	Viewing Angle	178°/ 178°
	Max. Colors	1.07G colors(8 bit）
	Lifetime	≥30000H
	Lifte (MTBF)	>120,000H
	Glass plate	AG(anti-glare) Tempered Glass Reflectivity < 1%
	Glass hardness	Mhos 7
	Glass Thickness	4mm
Display System	Sound Output Power	2*12W @8Ω
	Color System	PAL/SECAM/NTSC
	Sound System	D/K、B/G、I、M
	Audio Preset	Standard, movie, sports, music, user
	YPbPr Support Signal Input	Support 480P/I、576P/I、720P、1080P/I
	VGA Compatible	VGA、SVGA、XGA、WXGA、SXGA
	Power Supply	A.C.:100～240v；60/50 Hz
	Working Temperature/Humidity	0-40℃；20%-80%
	Story Temperature/Humidity	20-60℃
	Power Consumption (Include Standard PC)	A.C.:100-240V；60/50Hz; 450W(Max); <0.5W(Standby)
	Standby Power	＜0,5W
	Configuration of android system version 8.0	CPU：Cortex A73*2+A53*2; GPU: MaliG51*4, 1.5GHz; RAM: DDR4 4G 2400MHz; Rom: 32G; Wifi: IEEE 802.11b/g/n/ac, 2.4GHz+5GHz; Ethernet: 10/100/1000Mpbs; Bluetooth: 4.2
	Wireless interactive	Wireless interactive: Wirelessly stream picture/video/music from，interact with or mutual control other devices(laptop, smartphone,etc.)
	Rear Input	DP*1/HDMI*1/VGA*1/Type-C*1(Multimedia,data transfer,charging combined)/Touch USB*1(Type A)/Public USB 3.0*2/USB(Android) 2.0*1/RJ45*1/RS232*1/PC Audio*1/AV*1
	Rear Output	HDMI*1(4K)/RJ45*1/Spdif(Optical)*1/Headphone Sound*1
	Built-in Interface	HDMI input*1, Touch USB2.0 input*1, TV USB2.0 input*1
	Front Input	HDMI*1/Public Type-C 3.0*1+Public USB 3.0*3/Touch USB 2.0*1
Built-in Computer System	OPS micro-computer (Pluggable type and easy maintenance), customized configuration is available.	
	OPS slot	≥ 180*119*30 (mm)
	CPU	Intel Core i5/Customization
	Internal Storage	4G DDR4/Customization
	Hard Disk	128G SSD/500G HDD/Customization
	Power	AC input:100-240V/50-60Hz, DC output:19V/6.8A
	Ethernet	10/100/1000Mpbs
	WIFI/3G	WiFi: IEEE 802.11b/g/n/ac, 2.4GHz+5GHz; Bluetooth: 4.2
	HDMI Interface	Built-in HDMI Interface
	Interface	USB3.0*3/USB2.0*3/DP*1/HDMI*1/VGA*1/RS232*1/Headphone Sound Output*1/MIC Input*1/RJ45*1/WIFI Antenna*2
	Appearance	OPS computer with handle design, easy assemble and disassemble.
	Operating System	Windows 10 64Bit Professional(Trial)
	Power Consumption of PC	≦65W
Touch Feature Index	Touch Points	20 points
	Operating Way	Support single click, double-click, right-click and drag.
	Support Function	Touch correction function; work without driver; writing, drawing lines, annotation; USB interface
	Touch Durability	60,000,000 times.

	Touch Ways	Fingers, pens, or other opaque objects.
	Touch points	20-Point Touch &Writing
	Response Time	Single touch: less than7ms, dual touch: less than 12ms.
	Excursion	Without excursion, no change with the environment.
	Writing and Drawing	Writing fluently, without breaking and jag.
	Resistance to Light	Work normally under 30,000 illuminations.
Touch Parameter	Touch Precision	≤1mm
	Calibration	<2mm
	Cursor Speed	100 Points/Second
	light transmittance of touch system	92% up to100%
	Minimum Touch	3± 0.5mm
	Touch	Infrared technology
	Wireless Interactive Display Technology （Optional）	Can enjoy the online music, pictures, video and send it to the all-in-one touch screen by way of wireless, or can control both sides interactively.
	Power Consumption(W)	〈2.5W，work under USB 5V voltage, electric current less than 500mA.
	Touch Frame	Free from driver and calibration. Waterproof, dustproof, ultra-thin, light.
	OS Compatibility	Windows XP/7/8/10; Linux; Chrome OS; Mac OSx, used with android operating system in parallel
	Language	18 language (including English and Vietnamese)
Screen Protection and Safety		4mm AG toughened glass (anti-glare) to reduce reflected light from the glass. Reflectance less than 1%.
Physical Dimensions (L*W*T) （mm）		1954*1200*112 (Without Bracket) 1954*1200*150(With Bracket)
Active Screen Dimensions (L*W）（mm）		1895.04*1065.96
Material frame		Aluminum alloy
Product Frame Size（mm）		Left/Right/Top Frame:15.67 Bottom Frame:71.89
Weight	Product Weight (With PC)	76Kg ± 1Kg
	Gross Weight (With PC)	100Kg ± 1Kg
Packaging Dimensions（L*W*H）（mm）		2190*246*1342
Packaging Accessories		1*3m power cable, 2*pen, 1*remote control, 2* AAA 7 battery, 2*manual, 1*warranty card, 1*qualification, 1*packing list, 1*software CD.
Installation Ways		Standard: Wall-mounted Installation. Optional: Mobile Floor Stand Installation.
Warranty		Interactive flat panel and OPS PC: 1 year. Accessories: 3 years. Software: Software upgrade free for lifetime.
Quality Certification		CCC, FCC, CE, ROHS, ISO9001,14001.

Note: Design and specifications are subject to change without prior notice.