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 4K display technology. With design of eye protection, ensuring teaching presentation is more clear and efficient. It supports 10 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 10 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.** 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

Product Model		DS-65IWMS-L02A(4K)	DS-70IWMS-L02A(4K)	DS-75IWMS-L02A(II-4K)
Product Size		65 inch	70 inch	75 inch
Screen Parameters	Screen Type	a-Si TFT-LCD	a-Si TFT-LCD	a-Si TFT-LCD
	Aspect Ratio	16:9	16:9	16:9
	Backlight	LED	LED	LED
	Max. Resolution	3840×2160	3840×2160	3840×2160
	Brightness	350nits	350nits	350nits
	Contrast Ratio	960:1	3200:1	4000:1
	Viewing Angle	176°	176°	170°
	Max. Colors	1.07B colors(10 位)	1.07B colors(8 位)	1.07B colors(10 位)
	Lifetime	≥30000H	≥30000H	≥30000H
Android 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°C; 20%~80%	0°~40°C; 20%~80%	0°~40°C; 20%~80%
	Power Consumption (Include Standard PC)	135W	235W	265W
	Standby Power	＜0.5W	＜0.5W	＜0.5W
	Android System Configuration	CPU: dual core A53 1.4GHz,GPU:Mali450MP4 600Mhz, RAM: DDR3 1G, ROM: 8G, Android5.1 OS,support APP expansion		
	Rear Interface	USB TOUCH input*1(Type B USB)		
		HDMI input*1		
		VGA input*1		
		PC Audio input*1		
		AV input*1		
		ANT（RF） input*1		
		TV USB2.0 input*1		
		RJ45*1		
		DP*1（Optional）		
		YPbPr input*1		
		RS232*1		
		MIC*1		
	Rear Output Interface	TV WIFI*1		
		Spdif/Optical output*1		
		AV output*1（include L/R audio output）		
		Headphone sound output *1		
		HDMI input*1		
	Built-in Interface	Touch USB*1		
		HDMI*1		
	Front Interface	Touch USB2.0*1		
		TV USB2.0*1		
		PC USB2.0*1		
		PC USB3.0*1		

	Function Decription	Support one key switch between TV, computer and other external device; Supports directly touch operation under any channel menu of TV; Support black screen by one key, and wake up through touch function; Support browsing the webpage, support HTML5 browser; Support browse pictures in different format, support browse and manage office documents; Supports update software by USB; Support expansion of USB storage; Support power off/on by one key; Support Wi-Fi; Support digital TV (DTMB) Support automatic adjustment of backlight; Support automatic detection of temperature; Support operation by remote control, the function that include start WINDOWS start menu as simulated keyboard by one key, start the whiteboard software by one key, F1~F12 function key, Alt + Tab, Space, Alt + F4, Right key of mouse, arrow keys of up and down, left and right, arrow keys, Page Up / Page down, zoom out. Support switch of VGA, HDMI, TV by one key of remote control. Support screenshot by one key of remote control. Supports lock function by one key of remote control without the passwords. Support the classification of file: the document, music, video, pictures, application could be classified. Support to lock for application, set the password for application. Support the automatic identification for the channel of signal source, the input signal of HDMI, VGA, AV, YPBPR, USB could be recognized and remind for switch. Support to access default channel based on customized power on, set the channel after starting the machine. Support remote control for serial port, the operation of power on/off, switch channel, turn up/down the volume. Support power on/off through timer setting. Support the function of multi-screen interactive. Support the function of lock screen, the lock could be set through sliding, pattern, password.
Touch Feature Index	Touch Points	10 points
	Operating Way	Support single click, double-click, right-click and drag.
	Writing, Drawing, Annotation	Support
	Touch Correction	Support
	Free Driver	Support
	Connection	USB
	Touch Durability	60,000,000 times.
	Touch Ways	Fingers, pens, or other opaque objects.
	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 Precision	1mm
	Calibration	<2mm
	Cursor Speed	100 dot/s
	light transmittance of touch system	1
	Minimum Touch	≥5mm
	Touch Technology	Infrared technology

	Wireless Interactive Display Technology	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.		
Screen Protection and Safety		4mm thick AG tempered glass (spray anti-glare), to reduce the impact of glass reflection, reflectivity is less than 1%.		
Physical Dimensions (L*W*T)（mm)		1575*930*114 （Without bracket） 1575*930*136 （With bracket）	1685*999*116 （Without bracket） 1685*999*138 （With bracket）	1788*1079*107 （Without bracket） 1788*1079*130 （With bracket）
Active Screen Dimensions (L*W)（mm)		1497*828	1606*896	1714*969.5
Projection Image Dimensions（L*W)(mm)		1428.48*803.52	1538.88*865.62	1650.24*928.26
Product Frame Size (mm)		Left、Right、Top frame:35mm Bottom frame:59mmm	Left、Right、Top frame:35mm Bottom frame:59mmm	Left、Right、Top frame:33mm Bottom frame: 68mmm
Weight	Product Weight (With PC)	44Kg	50Kg	60Kg
	Gross Weight (With PC)	60Kg	65Kg	76Kg
Packaging Dimensions (L*W*H)（mm)		1777(L)*260(W)*1145(H)MM	1857(L)*260(W)*1170(H)MM	1987(L)*270(W)*1255(H)MM
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, 1*5m HDMI cable, 1*USB cable(7.5M A male - B male)		
Installation Ways		Standard: Wall-mounted Installation. Optional: Mobile Floor Stand Installation.		
Warranty		Interactive flat panel: 3 year. Accessories: 1 years. Software: Software upgrade free for lifetime.		

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