Sharpeyes All-In-One Touch

Overview

Sharpeyes 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 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.

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

Model		DS-55IWMO-L02PA(II)	DS-65IWMS-L02PA	DS-70IWMS-L02PA	DS-75IWMS-L02PA	DS-84IWMO-L02PA (II)	DS-85IWMO-L02PA	DS-98IWMO-L02PA
Product Size		55inch	65inch	70inch	75inch	84inch	85inch	98inch
Screen Parameters	Screen Type	a-Si TFT-LCD	a-Si TFT-LCD	a-Si TFT-LCD	a-Si TFT-LCD	a-Si TFT-LCD	a-Si TFT-LCD	a-Si TFT-LCD
	Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9
	Backlight	LED	LED	LED	LED	WLED	WLED	WLED
	Max. Resolution	1920×1080	1920×1080	1920×1080	1920×1080	3840×2160	3840×2160	3840×2160
	Brightness	350nits	350nits	350nits	400nits	350nits	500nits	500nits
	Contrast Ratio	1400:1	5000:1	5000:1	5000:1	1400:1	3000:1	Typ: 1300:1; Min: 900:1

	Viewing Angle	178°	176°	176°	170°	178°	176°	178°
	Max. Colors	16.7M colors(8 bit）	1.07B colors(8 bit）	16.7M colors(8 bit）	16.7M colors(8 bit）	1.06B colors(10 bit）	1.07G colors(8 bit）	1.06B colors(10 bit）
	Lifetime	≥50000H	≥30000H	≥30000H	≥30000H	≥50000H	≥30000H	≥50000H
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%						
	Power Consumption (Include Standard PC)	163W	265W	272W	330W	555W	550W	550W
	Standby Power	＜2.65W	＜2.4W	＜2.4W	＜2.4W	＜3.4W	＜3.4W	＜1W
	Configuration	CPU：quad core CortexA7, GPU quad core Mali450,basic frequency: 1.2GHZ, RAM：1G,ROM：4G, Android4.2, support APP expansion.						
	Rear Input	RJ45*1, SD*1, TV USB2.0 input*2, HDMI input*2, VGA input*1, PC AUDIO input*1, RS232*1, AV(1)IN*1, AV Audio L、R，AV (2)IN*1(3.5mmAV video input, include L/R audio input), YPbPr input*1（3.5mm input）, RF IN*1, TV USB3.0 input*1, TOUCH USB input*1 (Type B USB), TV WIFI*1						
	Rear Output	Spdif/Optical Output*1, AV output*1 （3.5mmAV video output, include L/R audio output), headphone sound output *1						
	Built-in Interface	HDMI input*1, Touch USB2.0 input*1, TV USB2.0 input*1						
	Front Input	HDMI*1, TOUCH USB2.0*1, TV USB2.0*1, PC USB2.0*1, PC USB3.0*1						
	Function of Display System	Support function of writing, annotation, erasing, changing different size of writing and color. Support "one key switch" about the touch function between TV and computer or other external device; Support direct touch under any TV channel menu; Support function of energy conservation in black screen through touching the state； Support browse pictures in different format Support browse webpage, support HTML5 browser; Support plays local and online HD; Support browse and management of different office documents; Support update software by USB; Support expansion of USB and SD card storage; Support power off/on by one key; Support Wi-Fi; Support digital TV（ISDB-T） For 65inch, 70inch, 75inch, also include the following functions: Support automatic adjustment of backlight, switch can be customized. 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 to enter a power-saving mode by remote control and the Android status bar, and wake up the screen by press any key or touch. Support screenshot by one key of remote control. Support to enter the Android home function by one key of remote control. Support the lock function by one key of remote control without the passwords, touch operation and any other buttons of machine are disabled after locking the machine except the lock button.						
Built-in Computer System	OPS micro-computer (Pluggable type and easy maintenance), customized configuration is available.							
	CPU	intel Core G1610/intel Core i3 or customization.						
	Internal Storage	2GB/4GB DDR3 or customization.						
	Hard Disk	320G/500G or customization.						
	Power	AC input:100-240V/50-60HZ DC output:19V/6.8A						
	Ethernet	10/100/1000Mpbs						
	WIFI/3G	802.11/b/gn						
	HDMI Interface	Built-in HDMI Interface						
	Interface	USB2.0*5, USB3.0*1, HDMI*1, VGA*1, RS232*1, Headphone output*1, MIC input*1, RJ45*1, WIFI antenna interface*2						
	Appearance	OPS computer with handle design, easy assemble and disassemble.						
	Operating System	WINDOWS7 64 bit ultimate edition						WINDOWS 8
	Power Consumption of PC	≤65W						
Touch	Touch Points	10 points						

Feature Index	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.						
	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	100%						
	Minimum Touch	≥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.						
Screen Protection and Safety		4mm thick tempered clear glass, ultra-high transmittance, so that color display is more beautiful.	4mm AG toughened glass (anti-glare) to reduce reflected light from the glass. Reflectance less than 1%.	4mm AG toughened glass (anti-glare) to reduce reflected light from the glass. Reflectance less than 1%.	4mm AG toughened glass (anti-glare) to reduce reflected light from the glass. Reflectance less than 1%.	5mm AG toughened glass (anti-glare) to reduce reflected light from the glass. Reflectance less than 1%.	5mm AG toughened glass (anti-glare) to reduce reflected light from the glass. Reflectance less than 1%.	5mm AG toughened glass (anti-glare) to reduce reflected light from the glass. Reflectance less than 1%.
Physical Dimensions (L*W*T) （mm）		1356*831*114（Without bracket）1356*831*123（With bracket）	1575*930*114（Without bracket）1575*930*136（With bracket）	1685*999*116（Without bracket）1685*999*138（With bracket）	1805*1097*111（Without bracket）1805*1097*133（With bracket）	2014*1193*113（Without bracket）2014*1193*129（With bracket）	2014*1193*124（Without bracket）2014*1193*147（With bracket）	2317*1355*121mm（Without bracket）2317*1355*159mm（With bracket）
Active Screen Dimensions (L*W)（mm）		1277.10*728.60	1497*828	1606*896	1718*963	1935*1090	1935*1090	2233*1248mm
Projection Image Dimensions （L*W）（mm）		1213.6*684.4	1428.48*803.52	1538.88*865.62	1650.24*928.26	1864.5*1050.5	1872*1053	2159*1214mm
Product Frame Size （mm）		Left、Right、Top frame:35mm Bottom frame:59mm	Left、Right、Top frame:35mm Bottom frame:59mm	Left、Right、Top frame:35mm Bottom frame:59mm	Left、Right、Top frame:39mm Bottom frame:87mm	Left、Right、Top frame:36mm Bottom frame:60mm	Left、Right、Top frame:36mm Bottom frame:60mm	Left、Right、Top frame：38mm Bottom frame：63mm
Weight	Product Weight (With PC)	49Kg	48Kg	54Kg	64Kg	114Kg	118Kg	157Kg
	Gross Weight (With PC)	62Kg	64Kg	69Kg	80Kg	137Kg	141Kg	220Kg
Packaging Dimensions（L*W*H）（mm）		1564*270*1002	1777*260*1145	1857*260*1170	1987*270*1255	2214*270*1354	2214*270*1354	2507*450*1670
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.