



# SHARPEYES

## SHARPEYES INTERACTIVE FLAT DISPLAY

SHARPEYES IFD display is ideal for education, corporate applications. Compared to previous generation displays, this model's LED backlighting allows for reduced power consumption, a thinner depth, a smaller bezel and lighter weight. High definition resolution delivers stunning image quality for a variety of content. It also offers users touch screen capabilities for up to ten simultaneous touches at a cost-conscious price. Its anti-glare glass coating protects the panel and allows for higher brightness transmittance. The touch screen, high-performance panel and abundant advanced technologies promote extended use, making sharpeyes's solution ideal for schools, corporate and retail.

*Feel in difference by your finger and eyes, and together successful!*



### SPECIFICATIONS

Model	SH-PNL4065AD	SH-PNL4075AD	SH-PNL4085AD
LED Panel Size	65"	75"	86"
Power	< 240W	< 275W	< 300W
standby power	≤1W	≤1W	≤1W
Display area	1463*832mm	1684*957mm	1937*1099mm
Resolution	1920x1080pixel, Max 3820*2160	1920x1080pixel, Max 3820*2160	1920x1080pixel, Max 3820*2160
Brightness	450cd/m2	450cd/m2	450cd/m2
Viewing angle	178 degree	178 degree	178 degree
<b>Packing parameters:</b>			
External size (mm)	1517*121*920mm	1738*126*1045mm	1991*164*1187mm



For more information email [info@sharpeyes.com.vn](mailto:info@sharpeyes.com.vn) or visit [www.sharpeyes.com.vn](http://www.sharpeyes.com.vn)

Touch size (mm)	1463*832mm	1684*957mm	1937*1099mm
Carton size (mm)	1606*169*1071mm	1874*210*1187mm	2098*210*1313mm
Net weight	45kg	57.7kg	78kg
Gross weight	60kg	74.2kg	96kg
<b>T V information:</b>			
TV Standard	ATV(PAL/BG+DK)+DTMB	ATV(PAL/BG+DK)+DTMB	ATV(PAL/BG+DK)+DTMB
Video Format	MPEG1, MPEG2, MPEG4, H.264, RM, RMVB, AVI	MPEG1, MPEG2, MPEG4, H.264, RM, RMVB, AVI	MPEG1, MPEG2, MPEG4, H.264, RM, RMVB, AVI
USB2.0 Multimedia Function	Video/Audio/Photo/txt	Video/Audio/Photo/txt	Video/Audio/Photo/txt
USB online upgrade	Support USB Online Upgrade	Support USB Online Upgrade	Support USB Online Upgrade
Resolution	1920*1080,Max 3820*2160	1920*1080,Max 3820*2160	1920*1080,Max 3820*2160
<b>Android System :</b>			
CPU	Cortex A53*3 1.4GHz	Cortex A53*3 1.4GHz	Cortex A53*3 1.4GHz
RAM	1 .0GMB DDR3	1 .0GMB DDR3	1 .0GMB DDR3
Android System	Android 5.1	Android 5.1	Android 5.1
Function Description	Support ONE key for Switch and ONE key for Power saving;	Support ONE key for Switch and ONE key for Power saving;	Support ONE key for Switch and ONE key for Power saving;
	Support writing function without PC;	Support writing function without PC;	Support writing function without PC;
	Support Smart Central controller, can switched any channel by touch;	Support Smart Central controller, can switched any channel by touch;	Support Smart Central controller, can switched any channel by touch;
	Support any Channel writing, Annotations, cleaning color, flip over and Gestures to zoom;	Support any Channel writing, Annotations, cleaning color, flip over and Gestures to zoom;	Support any Channel writing, Annotations, cleaning color, flip over and Gestures to zoom;
	Support Browsing;	Support Browsing;	Support Browsing;
	Support HD video play, support 1080P;	Support HD video play, support 1080P;	Support HD video play, support 1080P;
	support local and online Music Playing;	support local and online Music Playing;	support local and online Music Playing;
	Support Browning Multi format images; Support Office and other documents Browning and management;	Support Browning Multi format images; Support Office and other documents Browning and management;	Support Browning Multi format images; Support Office and other documents Browning and management;



	Support USB update software;	Support USB update software;	Support USB update software;
	Support Wi-Fi wireless	Support Wi-Fi wireless	Support Wi-Fi wireless
OPS slot	Yes	Yes	Yes
<b>Input and Output:</b>			
HDMI format	HDMI 2.0; HDCP 1.4	HDMI 2.0; HDCP 1.4	HDMI 2.0; HDCP 1.4
Scan method	Support 1080i 1080P interlace progressive scan	Support 1080i 1080P interlace progressive scan	Support 1080i 1080P interlace progressive scan
Audio Output	2X12W	2X12W	2X12W
Touch Panel Port	2 Lines USB( Front 1 line type A and 1 line USB type B at the side of monitor)	2 Lines USB( Front 1 line type A and 1 line USB type B at the side of monitor)	2 Lines USB( Front 1 line type A and 1 line USB type B at the side of monitor)
USB input port	4 line USB 2.0	4 line USB 2.0	4 line USB 2.0
HDMI Input	3 lines (1 lines outside , 1 line inside OPS 1 line front side)	3 lines (1 lines outside , 1 line inside OPS 1 line front side)	3 lines (1 lines outside , 1 line inside OPS 1 line front side)
VGA Input	1 line	1 line	1 line
VGA output	1 line	1 line	1 line
VGA audio In	1 line	1 line	1 line
YABPR	1 line	1 line	1 line
PC Audio Input	1 line	1 line	1 line
AV Input	1 line	1 line	1 line
AV Output	1 line	1 line	1 line
RJ45 Input	1 line	1 line	1 line
Earphone Output	1 line	1 line	1 line
TF	1 line	1 line	1 line
RS232	1 line	1 line	1 line
COAX/SPDIF Output	1 line	1 line	1 line
<b>Touch parameters</b>			
Touch technology	Hybr Touch Distributed by DIR	Hybr Touch Distributed by DIR	Hybr Touch Distributed by DIR



Multi touch points	10 user can writing at the same time, 32 points	10 user can writing at the same time, 32 points	10 user can writing at the same time, 32 points
Touch point	10-user writing in Android OS, 10-user in Win7/Win8/Win10	10-user writing in Android OS, 10-user in Win7/Win8/Win10	10-user writing in Android OS, 10-user in Win7/Win8/Win10
Touch mode	Multi touch	Multi touch	Multi touch
Touch objects	finger, pen or any other opaque objects	finger, pen or any other opaque objects	finger, pen or any other opaque objects
Touch size	Diameter $\geq$ 7mm, Recommend $\geq$ 7 mm	Diameter $\geq$ 7mm, Recommend $\geq$ 7 mm	Diameter $\geq$ 7mm, Recommend $\geq$ 7 mm
Resolution touch	32768*32768	32768*32768	32768*32768
Responsible time	First dot(click): 8ms, continuously(writing): 6ms	First dot(click): 8ms, continuously(writing): 6ms	First dot(click): 8ms, continuously(writing): 6ms
Cursor speed	up to 130 dots/s	up to 130 dots/s	up to 130 dots/s
Operating life	Unlimited	Unlimited	Unlimited
Touch panel power	USB power supply (4.6-5V,DC)	USB power supply (4.6-5V,DC)	USB power supply (4.6-5V,DC)
Power	$\leq$ 1.5W	$\leq$ 1.5W	$\leq$ 1.5W
Multi touch operation	WIN7/WIN8/WIN10	WIN7/WIN8/WIN10	WIN7/WIN8/WIN10
Calibration:	HID devices standard, accord with Win7 Win 8 multi-touch protocol, no need special software and could calibrate from Table PC setting under Win7/Win8	HID devices standard, accord with Win7 Win 8 multi-touch protocol, no need special software and could calibrate from Table PC setting under Win7/Win8	HID devices standard, accord with Win7 Win 8 multi-touch protocol, no need special software and could calibrate from Table PC setting under Win7/Win8
Anti-light decay function	Anti-light decay circuits to prevent the performance degradation caused by long working hours	Anti-light decay circuits to prevent the performance degradation caused by long working hours	Anti-light decay circuits to prevent the performance degradation caused by long working hours
Antilight interference function:	can work properly in sunlight condition	can work properly in sunlight condition	can work properly in sunlight condition
<b>Certificate</b>			
ISO9001, ISO14001, FCC, CE, CCC, Rohs	ISO9001, ISO14001, FCC, CE, CCC, Rohs	ISO9001, ISO14001, FCC, CE, CCC, Rohs	ISO9001, ISO14001, FCC, CE, CCC, Rohs
<b>Standard Accessories</b>			
Remote Control	TV Remote control	TV Remote control	TV Remote control
Power cable	1.5m	1.5m	1.5m



HDMI cable	1.5m	1.5m	1.5m
USB touch line	3m	3m	3m
Pen without ink	1 Pcs	1 Pcs	1Pcs
Teaching pointer	1Pcs	1Pcs	1Pcs
User manual	1 pcs	1 pcs	1 pcs
Wall brackets	1 set	1 set	1 set

The specification can change without note.



*SHARPEYES the “Pro” in IFD*

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*Printed in by SHARPEYES*



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