

# Surwise/Donview Infrared All-in-One Touch Panel L06 Series\_311D2 11

Model		DS-65IWMS-L06PA	DS-75IWMS-L06PA	DS-86IWMS-L06PA
Display	Size	65 inch	75 inch	86 inch
	Type	a-Si TFT-LCD	a-Si TFT-LCD	a-Si TFT-LCD
	Aspect Ratio	16:9	16:9	16:9
	Backlight	LED-Direct	LED-Direct	LED-Direct
	Resolution	3840×2160	3840×2160	3840×2160
	Refresh Rate	60Hz	60Hz	60Hz
	Brightness	500nits	500nits	500nits
	Contrast Ratio	5000:1	5000:1	4000:1
	Viewing Angle(V/H)	178°	178°	178°
	Refresh time	≤8 msec	≤8 msec	≤8 msec
	Colors	1.07B(10 bits)	1.07B(10 bits)	1.07B(10 bits)
	Auto brightness	support	support	support
	Life(MTBF)	≥120,000H	≥120,000H	≥120,000H
Touch Area(L*W)/mm	1454.01*831.60	1675.35*956.14	1919.03*1092.14	
Display Area(L*W)/mm	1428.48*803.52	1650.24*928.26	1895.04*1065.96	
Glass Material	AG(anti-glare) tempered glass Reflectivity<1%	AG(anti-glare) tempered glass Reflectivity<1%	AG(anti-glare) tempered glass Reflectivity<1%	
Glass Thickness	4mm	4mm	4mm	
Glass Hardness	Mohs 7	Mohs 7	Mohs 7	
Bonding	0 gap	0 gap	0 gap	
Speaker	/	20W*2	20W*2	
Power	/	AC:100-240V;60/50Hz; 107.1W(Eco); ≤0.5W(Standby)	AC:100-240V;60/50Hz; 123.9W(Eco); ≤0.5W(Standby)	AC:100-240V;60/50Hz; 166.9W(Eco); ≤0.5W(Standby)
Android	Version	Android 11	Android 11	Android 11
	CPU	Cortex A73*4+A55*4, 2.28GHz	Cortex A73*4+A55*4, 2.28GHz	Cortex A73*4+A55*4, 2.28GHz
	GPU	G52*8	G52*8	G52*8
	RAM	8G DDR4	8G DDR4	8G DDR4
	ROM	64G(optional 128G)	64G(optional 128G)	64G(optional 128G)
Connection	Front	HDMI 2.0 in*1	HDMI 2.0 in*1	HDMI 2.0 in*1
		USB Type-C*1 (DP1.2+Touch+USB 2.0+PD 15W+100Mbps)	USB Type-C*1 (DP1.2+Touch+USB 2.0+PD 15W+100Mbps)	USB Type-C*1 (DP1.2+Touch+USB 2.0+PD 15W+100Mbps)
		Public USB-A 3.0*3	Public USB-A 3.0*3	Public USB-A 3.0*3
		Touch USB-B 3.0*1	Touch USB-B 3.0*1	Touch USB-B 3.0*1
		DP 1.2a in*1	DP 1.2a in*1	DP 1.2a in*1
		HDMI 2.1 in*1	HDMI 2.1 in*1	HDMI 2.1 in*1
	Rear	HDMI 2.0 in*1	HDMI 2.0 in*1	HDMI 2.0 in*1
		Mic in(3.5mm)*1	Mic in(3.5mm)*1	Mic in(3.5mm)*1
		USB Type-C*1: -Device mode: DP1.2+Touch+USB 2.0+PD 100W(MAX)+100Mbps(optional) -Host mode: USB 3.0	USB Type-C*1: -Device mode: DP1.2+Touch+USB 2.0+PD 100W(MAX)+100Mbps(optional) -Host mode: USB 3.0	USB Type-C*1: -Device mode: DP1.2+Touch+USB 2.0+PD 100W(MAX)+100Mbps(optional) -Host mode: USB 3.0
		HDMI 2.1 out*1	HDMI 2.1 out*1	HDMI 2.1 out*1
		Spdif out(COAX)*1	Spdif out(COAX)*1	Spdif out(COAX)*1
		Earphone out(3.5mm)*1	Earphone out(3.5mm)*1	Earphone out(3.5mm)*1
		USB-C 3.0*1	USB-C 3.0*1	USB-C 3.0*1
Touch	Touch Performance	Technology: Infrared; Minimum Touch Object:≥1mm; Touch Precision:1mm; Positioning Precision:<2mm.		
	Touch Durability	≥60,000,000 times.(More than 100,000 hours)		
	Touch Points	40 point touch, 20 point writing		
	Touch Tools	Fingers, pens, or other untransparent objects.		
	Sliding Speed	Single touch:≥2.5m/s, Multi touch:≥1m/s.		
	Response Time	Single touch:<5ms, Dual touch:<7ms.		
	Light Resistance	Work normally under 80,000 lux illumination(Full daylight ≈ 100,000 lux)		
	OS Compatibility	Windows XP/7/8/10; Linux; Chrome OS; Mac OS; Android		
	Touch Features	Driver-free, calibration-free, waterproof, dustproof, ultra-thin, light.		
	Power Supply	<2W, DC 5V±5%, electric current<500mA.		
Webcam (Optional)	Type	Built-in or external	Built-in or external	Built-in or external
	Resolution	8 Megapixel(4K)	8 Megapixel(4K)	8 Megapixel(4K)
	Field of View(FOV)	90°, 51°	90°, 51°	90°, 51°
Centralized management	/	Optional	Optional	Optional
OPS (Optional)	CPU	Intel Core i5/Customization		
	RAM	4G DDR4/Customization		
	Storage	128G SSD/500G HDD/Customization		
	Network	Ethernet:10/100/1000Mbps, WiFi:IEEE 802.11b/g/n/ac(2.4GHz+5GHz), Bluetooth:4.2		
	Interface (subject to model)	DP 1.2 out*1 / HDMI 1.4 out*1 / VGA out*1 / Line out(3.5mm)*1 / Mic in(3.5mm)*1 / RJ45*1 / WiFi antenna*2 USB-A 3.0*3+USB-A 2.0*3 Recover button*1 / Power button*1		
	Operating System	Windows 10 64bit professional(trial)		
Dimension & Weight	Physical Dimensions (L*W*T)/mm	1490.80*922.46*84.75 (without wall mount)	1712.16*1047.22*84.95 (without wall mount)	1957.96*1185.20*84.95 (without wall mount)
		1490.80*922.46*116.95 (with wall mount)	1712.16*1047.22*117.15 (with wall mount)	1957.96*1185.20*112.15 (with wall mount)
	Physical Dimensions+Camera (L*W*T)/mm	1490.80*935.04*84.75 (without wall mount)	1712.16*1059.58*84.95 (without wall mount)	1957.96*1197.78*84.95 (without wall mount)
		1490.80*935.04*116.95 (with wall mount)	1712.16*1059.58*117.15 (with wall mount)	1957.96*1197.78*112.15 (with wall mount)
	Packed Dimensions(L*W*H)/mm	1690*210*1060	1920*210*1150	2154*230*1354
	Bezel Width(mm)	Left/right/Top:18.40 Bottom:72.40	Left/right/Top:18.40 Bottom:72.40	Left/right/Top:18.40 Bottom:72.40
Bezel Width(with camera)/mm	Left/right:18.40 Top:31 Bottom:72.40	Left/right:18.40 Top:31 Bottom:72.40	Left/right:18.40 Top:31 Bottom:72.40	
Net Weight	42Kg±1Kg	54Kg±1Kg	68Kg±1Kg	
Gross Weight	54Kg±1Kg	68Kg±1Kg	88Kg±1Kg	
Environmental Requirement	/	Operation temperature:0~40°C, Operation humidity:20%~80%RH		
In The Box	/	Pen*2 /Remote control*1 / 3M Power cable*1 / 3M HDMI cable*1 / 3M A-A USB cable*1		
Installation	/	Manual*2(1 for All-in-one touch screen, 1 for wall mount) / Installation guide*1 / Warranty card*1 / Qualified certificate*1 / Packing list*1		
Warranty	/	Standard: wall mount; Optional: mobile floor stand. Touch screen/OPS & accessories: by sales contract. Software upgrade: free for lifetime.		