

Surwise/Donview Infrared All-in-One Touch Panel L03 Series_982A 11_V2.0

Model		DS-65IWMS-L03PA	DS-75IWMS-L03PA	DS-86IWMS-L03PA	DS-98IWMS-L03PA
Display	Size	65 inch	75 inch	86 inch	98 inch
	Type	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
	Backlight	Direct LED	Direct LED	Direct LED	Direct LED
	Resolution	3840×2160	3840×2160	3840×2160	3840×2160
	Refresh Rate	60Hz	60Hz	60Hz	60Hz
	Display response time	(GtoG) ≤8ms	(GtoG) ≤8ms	(GtoG) ≤8ms	(GtoG) ≤8ms
	Brightness	450nits	500nits	500nits	500nits
	Contrast Ratio	4000:1	4000:1	4000:1	4000:1
	Viewing Angle	178°	178°	178°	178°
	Colors	1.07B(10 bits)	1.07B(10 bits)	1.07B(10 bits)	1.07B(10 bits)
	Auto brightness	Support	Support	Support	Support
	Life(MTBF)	≥120,000H	≥120,000H	≥120,000H	≥120,000H
	Touch Area(L*W)/mm	1452*836	1689*970	1932*1108	2220*1250.6
Display Area(L*W)/mm	1428.48*803.52	1650.24*928.26	1895.4*1065.9	2160.8*1216.4	
Glass Material	AG(anti-glare) tempered glass	AG(anti-glare) tempered glass	AG(anti-glare) tempered glass	AG(anti-glare) tempered glass	
Glass Thickness	4mm	4mm	4mm	4mm	
Glass Hardness	Mohs 7	Mohs 7	Mohs 7	Mohs 7	
Speaker	/	20W*2+20W*1 sub-woofer(optional)	20W*2+20W*1 sub-woofer(optional)	20W*2+20W*1 sub-woofer(optional)	20W*2+20W*1 sub-woofer(optional)
Power	/	AC:100-240V/60/50Hz; 69W(Eco); ≤0.5W(Standby)	AC:100-240V/60/50Hz; 110W(Eco); ≤0.5W(Standby)	AC:100-240V/60/50Hz; 165W(Eco); ≤0.5W(Standby)	AC:100-240V/60/50Hz; 220W(Eco); ≤0.5W(Standby)
Android	Version	Android 11	Android 11	Android 11	Android 11
	CPU	Amlogic T982, Cortex A55*4 1.9GHz	Amlogic T982, Cortex A55*4 1.9GHz	Amlogic T982, Cortex A55*4 1.9GHz	Amlogic 311D2, Cortex A73*4+A55*4, 2.28GHz
	GPU	MaliG52 MP2	MaliG52 MP2	MaliG52 MP2	G52*8
	RAM	4G DDR4 (optional for 8G)	4G DDR4 (optional for 8G)	4G DDR4 (optional for 8G)	4G DDR4 (optional for 8G)
	ROM	32G (optional for 64G/128G)	32G (optional for 64G/128G)	32G (optional for 64G/128G)	32G (optional for 64G/128G)
	WiFi	IEEE 802.11a/b/g/n/ac (2.4GHz+5GHz)	IEEE 802.11a/b/g/n/ac (2.4GHz+5GHz)	IEEE 802.11a/b/g/n/ac (2.4GHz+5GHz)	IEEE 802.11a/b/g/n/ac/ax, 2.4GHz+5GHz; Wifi6
	Analog Signal	VGA Compatible:VGA,SVGA,XGA,WXGA, SXGA, WUXGA	VGA Compatible:VGA,SVGA,XGA,WXGA, SXGA, WUXGA	VGA Compatible:VGA,SVGA,XGA,WXGA, SXGA, WUXGA	VGA Compatible:VGA,SVGA,XGA,WXGA, SXGA, WUXGA
	Change input source name	Support	Support	Support	Support
	Centralized management	Optional	Optional	Optional	Optional
	Wireless share	Built in Eshare for wireless screen share and mirroring (optional)	Built in Eshare for wireless screen share and mirroring (optional)	Built in Eshare for wireless screen share and mirroring (optional)	Built in Eshare for wireless screen share and mirroring (optional)
Connection	Front	HDMI 2.0 in*1(CEC&ARC)	HDMI 2.0 in*1(CEC&ARC)	HDMI 2.0 in*1(CEC&ARC)	HDMI 2.0 in*1
		USB Type-C 3.0*1(USB+Video+Audio+15W Charge: 5V/3A, optional 65W 20V/3.25A)	USB Type-C 3.0*1(USB+Video+Audio+15W Charge: 5V/3A, optional 65W 20V/3.25A)	USB Type-C 3.0*1(USB+Video+Audio+15W Charge: 5V/3A, optional 65W 20V/3.25A)	USB Type-C*1 (DP1.2+Touch+USB 2.0+PD 15W+100Mbps)
		USB-A 3.0*3(2.0 in android, 3.0 in OPS)	USB-A 3.0*3(2.0 in android, 3.0 in OPS)	USB-A 3.0*3(2.0 in android, 3.0 in OPS)	Public USB-A 3.0*3
		Touch USB-B 2.0 for HDMI*1	Touch USB-B 2.0 for HDMI*1	Touch USB-B 2.0 for HDMI*1	Touch USB-B 3.0*1
		DP 1.2 in*1	DP 1.2 in*1	DP 1.2 in*1	DP 1.2 in*1
		HDMI 2.0 in*2(CEC)	HDMI 2.0 in*2(CEC)	HDMI 2.0 in*2(CEC)	HDMI 2.1 in*1
	Rear	VGA in(DB9)*1	VGA in(DB9)*1	VGA in(DB9)*1	HDMI 2.0 in*1
		VGA Audio in(3.5mm)*1	VGA Audio in(3.5mm)*1	VGA Audio in(3.5mm)*1	Mic in(3.5mm)*1
		AV in(RCA)*1	AV in(RCA)*1	AV in(RCA)*1	USB Type-C*1 (DP1.2+Touch+USB 2.0+PD 100W(MAX)+100Mbps(optional)
		YPbPr in(RCA)*1	YPbPr in(RCA)*1	YPbPr in(RCA)*1	HDMI 2.1 out*1
		Mic in(3.5mm)*1(support mixing)	Mic in(3.5mm)*1(support mixing)	Mic in(3.5mm)*1(support mixing)	Spdif out(COAX)*1
		HDMI 2.0 out*1(Optional)	HDMI 2.0 out*1(Optional)	HDMI 2.0 out*1(Optional)	Earphone out(3.5mm)*1
		Spdif out(Optional)*1	Spdif out(Optional)*1	Spdif out(Optional)*1	USB-C 3.0*1
		AV out(RCA)*1	AV out(RCA)*1	AV out(RCA)*1	Public USB-A 3.0*2
		Headphone out(3.5mm)*1	Headphone out(3.5mm)*1	Headphone out(3.5mm)*1	Touch USB-B 3.0*1(for HDMI)
		Android USB-A 3.0*1	Android USB-A 3.0*1	Android USB-A 3.0*1	Touch USB-B 3.0*1(for DP)
		Android USB-A 2.0*1	Android USB-A 2.0*1	Android USB-A 2.0*1	Android USB-A 2.0*1
		Touch USB-B 2.0*1	Touch USB-B 2.0*1	Touch USB-B 2.0*1	OTG USB-A 2.0*1
RJ45*2(100Mbps in Android, 1000Mbps in OPS, shared ethernet)	RJ45*2(100Mbps in Android, 1000Mbps in OPS, shared ethernet)	RJ45*2(100Mbps in Android, 1000Mbps in OPS, shared ethernet)	RJ45*2(10/100/1000Mbps)		
Wifi antenna*3	Wifi antenna*3	Wifi antenna*3	Wifi antenna*2		
BT 5.1 antenna*1	BT 5.1 antenna*1	BT 5.1 antenna*1	BT 5.0 antenna*1		
TF Card*1	TF Card*1	TF Card*1	/		
RS232*1	RS232*1	RS232*1	RS232(DB9)*1		
Touch & writing	Touch Performance	Infrared; Minimum Touch Object:≥2.5mm; Touch Precision:1mm; Positioning Precision:<2.8mm	Infrared; Minimum Touch Object:≥2.5mm; Touch Precision:1mm; Positioning Precision:<2.8mm	Infrared; Minimum Touch Object:≥2.5mm; Touch Precision:1mm; Positioning Precision:<2.8mm	Infrared; Minimum Touch Object:≥2.5mm; Touch Precision:1mm; Positioning Precision:<2.8mm
	Touch resolution	32768*32768			
	Touch Durability	≥60,000,000 times.(More than 100,000 hours)			
	Touch Points	40-point touch, 20-point writing			
	Two-color writing	Simultaneous			
	Touch Tools	Fingers, pens, or other untransparent objects.			
	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)	Model	DC-200C-W01	DC-200C-W01	DC-200C-W01	DC-200C-W01
	Scan Mode	Progressive	Progressive	Progressive	Progressive
	Resolution	2.07 Megapixel(1080p)	2.07 Megapixel(1080p)	2.07 Megapixel(1080p)	2.07 Megapixel(1080p)
	Field of View(FOV)	90°(horizontal), 60°(vertical)	90°(horizontal), 60°(vertical)	90°(horizontal), 60°(vertical)	90°(horizontal), 60°(vertical)
	Type	Open pluggable module, easy to load and unload.			
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	Size(L*W*H)/mm	180*194*42.80 pin	180*194*42.80 pin	180*194*42.80 pin	180*194*42.80 pin
	Physical Dimensions (L*W*T)/mm	1488*928*100 (without wall mount) 1488*928*123 (with wall mount)	1733*1070*94.7 (without wall mount) 1733*1070*126.7 (with wall mount)	1968*1201*111.8 (without wall mount) 1968*1201*149.3 (with wall mount)	2283*1361.6*118.3 (without bracket) 2283*1361.6*148.1 (with bracket)
	Packed Dimensions(L*W*H)/mm	1690*210*1060	1920*210*1150	2154*230*1354	2540*384*1552 2540*401*1672(with pallet)
	Bezel Width(with camera)/mm	Left/right/Top:15.67 Bottom:71.89	Left/right/Top:22.14 Bottom:78.11	Left/right/Top:15.67 Bottom:78.11	Left/right/top:31.5 Bottom:79.5
	Net Weight	45Kg±1Kg	57Kg±1Kg	78Kg±1Kg	130Kg ± 1Kg
Gross Weight	57Kg±1Kg	71Kg±1Kg	102Kg±1Kg	170Kg ± 1Kg	
Environmental Requirement	/	Operation temperature:0~40°C; Operation humidity:20%~80%RH			
In The Box	/	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			
Installation	/	Pen*2 / Power cable*1(3 meters) / HDMI cable*1(3 meters) / USB cable*1(A-A, 3 meters)			
Warranty	/	Standard: wall mount; Optional: mobile floor stand.			
	/	Touch screen/OPS & accessories: by sales contract. Software upgrade: free for lifetime.			