

# SHENZHEN AIMV TECHNOLOGY CO.LTD

www.aimv-tech.com

## Wall mount Outdoor IP65 water proof Digital Signage



### Features:



All weather sunlight readable LCD,  
Brightness from 1500nits -



Intelligent cooling system with cooling fan or air conditioner, Working high temperature up to 55°C



Intelligent heating system,  
Working low temperature below to -40°C



Unique full-sealed enclosure for outdoor use,  
Waterproof and dustproof meet IP65.

\* ip65 grade, support OEM&ODM design, The shell is made of galvanized steel plate and vandal proof tempered glass, which is painted by special outdoor powder spray, anti-corrosion and explosion-proof, Can be used outdoors for up to 10 years without failure.

\* Auto brightness light sensor, energy saving, high resolution, high contrast, high brightness, greatly improve the picture display effect, 16.7M color, the picture is more natural, more delicate.

\* smart temperature control system: to maintain a constant temperature inside the body, keep dry environment, to prevent fog, condensation phenomenon.

\* built in high quality fan cooling system or A/C system, and lightning protection, overload, overvoltage, overcurrent, over temperature protection system

### Specification

Model	V022OWD01	V032OWD01	V043OWD01	V049OWD01	V055OWD01	V065OWD01	V075OWD01	V086OWD01
Screen Size	21.5 inch	32 inch	43 inch	49 inch	55 inch	65 inch	75 inch	86 inch
Active Display Area (mm)	476*268mm	697*392mm	941*530mm	1074*604mm	1209(H)*680(V)	1428*803mm	1650*928mm	1872*1053mm
Display Mode	16:9	16:9	16:9	16:9	16:9	16:9	16:9	16:9
LCD Type	TFT-LCD	TFT-LCD	TFT-LCD	TFT-LCD	TFT-LCD	TFT-LCD	TFT-LCD	TFT-LCD
Resolution	1920×1080	1920×1080	1920×1080	1920×1080	1920×1080	3840*2160	3840*2160	3840*2160
Display Color	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
Brightness(nits)	1500nits	2000nits	2000nits	2000nits	2000nits	2500nits	2500nits	2500nits
Brightness Control	Automatic light sensor system	Automatic light sensor system	Automatic light sensor system	Automatic light sensor system	Automatic light sensor system	Automatic light sensor system	Automatic light sensor system	Automatic light sensor system
Contrast Ratio	1400:1	1500:1	1400:1	1500:1	1400:1	4000:1	4000:1	4000:1
Viewing Angle	178(H)/178(V)	178(H)/178(V)	178(H)/178(V)	178(H)/178(V)	178(H)/178(V)	178(H)/178(V)	178(H)/178(V)	178(H)/178(V)
Response Time	8ms	6ms	8ms	8ms	8ms	8ms	8ms	8ms
Backlight	LED backlight	LED backlight	LED backlight	LED backlight	LED backlight	LED backlight	LED backlight	LED backlight
Power Supply	AC 110V-240V, 50HZ/60HZ							
Power consumption	200W	230W	300W	380W	400W	550W	1200W	1300W
G.W	25KG	45KG	72KG	86KG	97KG	140KG	197KG	245KG

Packing dimension(mm)	740*270*700	1000*340*840	1290*340*1021	1430*340*1020	1560*340*1190	1790*375*1350	2040*362*1550	2340*400*1710
<b>Touch screen (optional)</b>								
Touch type	PCAP/TOUCH FOIL							
Touch Max Resolution	4096*4096							
Transparency	> 90%, Up to 100%							
Scanning Speed	>50Scans/S							
Response Speed	<12ms							
Touch precision	0.625mm							
Minimum	10points							
<b>Operation Parameters</b>								
Operation System	windows/android/linux							
Working humidity	5% to 95%							
Storage humidity	10%~90%(noncondense)							
Temperature Control	Intelligent fans cooling / Air Conditioner optional							
Main Function	Playing file automatically							
	With USB update							
	Support HD video, pictures and music							
	Security and password protection, anti-thief design							
	Set up time on/off							
	Support Remote controller							
Smart control system	Support Safety lock system							
	Industrial grade power switch							
	water proof speaker 10W*2							
	Three-grade lightning protection							
	leakage protector							
	Lightning protection, lightning protection C grade, prevent instant induction lightning strike							
Cooling & heating system	Timer, scheduled time on and off							
	Intelligent cooling system, unique design of the duct and the main board, automatic control of air speed and volume							
	Intelligent temperature control system, high temperature up to 55 degrees automatically turn off the display							
Temperature	Low temperature up to -5 degrees will auto-starting heating system							
	Storage: -45 Celsius degree to 60 Celsius degree							
Fixing Method	Working: -40 Celsius degree to 55 Celsius degree							
	Wall mount, landscape/portrait							
Waterproof Enclosure	IP65							
Color	Black color/ white color/ Gray color optional							
Protection Glass	6mm Tempered glass(anti-glare can be added if required)							
Applicable field	Outdoor public places, Supermarket, Hotel, Mall center, Shop, Commercial buildings etc.							

Available operating systems			
<b>standalone version (no system)</b>	<b>HDMI IN/USB IN</b>		
<b>Android version</b>	Android option 1	CPU	<b>RK3288</b> , quad core, main frequency 1.8GHz
		RAM+ROM	Standard configuration 2G+8G, optional with 2+16G,4+32G,4+64G;
		Android system	Android 7.1/Android 10
	Android option 2	CPU	<b>RK3399</b> , hexa-core, main frequency 2.0GHz
		RAM+ROM	Standard configuration 4G+32G, optional with 4+64G;
		Android system	Android 7.1/Android 10
	Android option 3	CPU	<b>RK3566</b> , quad core, main frequency 1.8GHz
		RAM+ROM	Standard configuration 2G+16G, optional with 4+32G;
		Android system	Android 11
	Android option 4	CPU	<b>RK3568</b> , quad-core, main frequency 2.0GHz
		RAM+ROM	Standard configuration 2G+16G, optional with 4+32G;
		Android system	Android 11
	Android option 5	CPU	<b>972T</b> , quad core, main frequency 1.9GHz
		RAM+ROM	Standard configuration 2G+16G, optional with 4+32G;
		Android system	Android 9.0
	Wireless	WIFI support	
	Bluetooth	4.0	
	Ethernet	1,10M/100M self-adapting Ethernet	
	Ports	2*USB,1*TF, 1*HDMI out, 1*LAN, 1*DC	
	System language	Chinese (Traditional/Simplified), English, Russian, French, Spanish, Portuguese, Arabic, Italian, Japanese, Korean, Polish, Thai, etc	
<b>Windows version</b>	Processor (optional)	i3: i3-3110M/i3-3120M, dual core, frequency 2.4GHZ DDR3 i3-4000M,dual core, frequency 2.4GHZ DDR3 i3-6100U,dual core, frequency 2.3GHZ DDR3/DDR4 i5: i5-3210M/i5-3230M, dual core, frequency 2.5Ghz DDR3 I5-4200M,dual core, frequency 2.5Ghz DDR3 I5-6200U,dual core, frequency 2.5Ghz DDR3/DDR4 i7: i7-4600M,dual core, frequency 2.9Ghz DDR3 <b>Any processor specs. can be customized</b>	
	RAM (optional)	4GB/8GB/16GB optional	
	Graphics	Intel UHD Graphics 600/630	
	SSD/HDD (optional)	128GB/256GB/512GB M.2 SATA SSD	
	USB ports	6	
	Ethernet port	1*LAN RJ45(Gigabit)	
	Wireless	Wifi 802.11 a/b/g/n/ac 2.4GHz and 5GHz	
	Bluetooth	optional	
	Audio Ports	1*3.5mm line out	
	Operation system	Windows 10 pro (trial version unlicensed)	