



1. High quality explosion-proof glass, high light transmittance, anti-violent, scratch-resistant, dust-proof and waterproof ;
2. Industrial high-performance LCD screen ensures high image clarity, high brightness and stability of use ;
3. The shell is made of high-strength steel, which is ultra-thin, beautiful and strong, and has excellent protection performance ;
4. The surface is fine-grained, smooth and even, with good anti-rust and wear-resisting functions ;
5. A variety of signal interfaces, supporting a variety of signal input / output ;
6. Adopt industrial industrial control motherboard, high-speed hard



All weather sunlight readable LCD  
Brightness from 1500nits -5000nits  
LCD will not turn black under direct sunlight



Fans cooling system / Air conditioning cooling system



Intelligent heating system Working low temperature below to -35°C



Unique full-sealed enclosure for outdoor use, Water and moisture proof

### Functions & Parameters



1. High-brightness LED backlight LCD screen, lumens can reach 1500/2000/3000nits, still clearly visible in the sun;
2. Unique wide temperature processing of liquid crystal substrate can reach  $-30^{\circ}\text{C}$ - $60^{\circ}\text{C}$ , quick start and clear image display in low temperature environment;
3. The U.S. imported anti-ultraviolet, infrared, heat-resistant, high-transmitting AR glass with a thickness of only 6-10 mm;



Highlight Screen



Heat Release Antifreeze



Fire Prevention



Long-time display loop play

### Quality Testing



Solar Radiation Test, High



Low Temperature Test



Rain Test

### Technical Parameter

Product Model		US-AD*****			
Screen Parameters	Size	21.5"- 86"	Audio System	Horn	2×5W(8Ω) or 2×10W
	Back Type	Direct LED		Sound Mode	Standard
	Display Proportion	16:9	Output Interface	PC Output Interface	RJ45x1、 USBx2
	Physical Resolution	1920X1080(Standard)		L/R Audio Output	1 RCA X2
	Color Depth	16.7M	Power Consumption	Input Voltage	C 100~240v 50/60HZ
	Viewing Angle	R/L/U/D 89/89/89/89		Standby Power	≤3W/≤180W
	Brightness	5000 nits(max)	Cabinet	Material	SPCC
	Contrast	5000:1		Exterior Color	Black / Gold / Silver
	Response Time	5ms	External Conditions	Working temperature / humidity	-10°C~45°C(typ), -30°C~65°C(max)
	Service Time	60000 hours		Storage temperature / humidity	-10°C~60°C
Cooling System	Intelligent fans cooling system (typ)				
Protection Grade	IP55 (fans system), IP65 (Air conditioning system)				
Material	Galvanized steel plate and outdoor special Coating paint (Support Customized design)				
Color	White, black, silver, Grey, Customized colors				
Brightness Control	Automatic light sensor system				
Product Certification	ISO9001,CCC,FCC,CE,ROHS (Optional)				

### Android OS Solution

Configuration	CPU	Chip Architecture	Processor	Max Resolution Support	System Version	Storage
Basic Level	A20	Cortex-A7	Dual-Core	1080P	Android 4.1	512Mb +8G
	A33	CortexTM-A7	Quad-Core	1080P	Android 4.4	512Mb/1Gb +8G
	A64	Cortex-A53	Quad-Core	1080P	Android 5.1	512Mb/1Gb +8G
Middle Level	RK3128	Cortex-A7	Quad-Core	1080P	Android 6.0	512Mb/1Gb +8G
	RK3368	Coretex-A53	Octa-Core	2K/4K	Android 6.0	1Gb/2Gb +8G
	RK3188	Cortex A9	Quad-Core	2K	Android 6.0	1Gb/2Gb +8G
Top Level	RK3288	Cortex-A17	Quad-Core	4K	Android 6.0	2Gb +8G
	RK3399	Cortex-A72	Dual-Core + Quad-Core	4K	Android 7.1	4Gb +16G
	Amlogic T960X	Cortex-A53	Version	4K	Android 7.1	2Gb +8G

### Windows OS Solution

Operating System	CPU	System Version	Graphics	RAM	Storage
Windows OS	Core-i3	Win 7/ Win 10	3.7HZ/3.9HZ	4G (8G available)	120G SSD/ 500G HDD
	Core-i5	Win 7/ Win 10	3.2HZ/3.4HZ	4G (8G available)	120G SSD/ 500G HDD
	Core-i7	Win 7/ Win 10	3.4HZ/3.6HZ	4G (8G available)	120G SSD/ 500G HDD