Sihovision®

SHENZHEN SHINHO ELECTRONIC TECHNOLOGY CO., LTD
Professional Industrial Android tablet manufacturer
Address: Room 607, 6/F, Building M, Feige Industry park, 1223 Guanguang Road , Longhua District, Shenzhen, China
Web: www.sihovision.com   Phone: +86 0755 23747569   Mobile: +86 13798532807   Email: info@sihovision.com

Features:

1. Aluminum alloy surface frame and heat sink plate are sandblasted and oxidized, anti-UV and anti-discoloration treatment, and the whole machine is IP68 waterproof

2. Industrial-grade LCD screen, full viewing angle, 1000 brightness, can be used in sunlight, PWM software can adjust the brightness

3.10-point capacitive touch screen, the protective layer is 2mm tempered glass (chemically strengthened), the hardness reaches 7H, and the surface is treated with AG anti-glare treatment

4.EETI touch control solution, normal touch when there are water droplets on the touch screen

5. The touch screen and LCD screen are bonded using a full bonding process.

6. Use industrial-grade components, work 24/7, and support wide temperature operation -20-70℃

7. The front frame and rear shell are sealed with waterproof tape, and the machine can be disassembled for inspection and maintenance without affecting the waterproof performance.

Model:SC121W

PC	
CPU	RK3568 Quad-core 64-bit Cortex-A55 architecture, based on high-end 22nm process, Base 2.0GHz
Memory	4G (2G/8G Optional)
Storage	eMMC 64G (16G/32G/64G/128G Optional)
Decoding Resolution	Support maximum 2048*1536
Operation System	Android 11
Play Modes	Support timing, loop and spots etc. play modes
Network Support	RJ45, WIFI, 3G, 4G , TD-LTE (optional)
Image Format	JPG/BMP/GIF/TIFF/PNG
Video Format	RMVB,FLV,MPEG1/2/4, AVI, WMV, MOV, MP4, TS etc.
Audio Format	MP3,WMA,AAC,etc.
RTC Real Time Clock	YES

I/O	
USB	1*IP68 USB
LAN	1*IP68 RJ45
Video Outputs	1*IP68 HDMI
Power input	1*IP68 DC9-36V
Other	1*IP68 WIFI+BT 1*IP68 GPS 1*IP68 4G

LCD panel

Panel size	12.1"
Display active area	245.76(W)x184.32(H) mm / 9.676x7.257 in
Resolution	1024*768
Aspect ratio	4:3
Support Color	16.7M colors
Brightness (cd/m^2)	1000 nits, sunlight readable
Brightness control	PWM software adjustment
Contrast ratio	800:1
View angle	85°/85°/85°/85° (R/L/U/D)
Backlight	WLED, 50K hours

Touch panel

Touchscreen Type	10 point capacitive touch
Surface hardness	7H
Touch response time	<5ms
Surface treatment	Anti glare (chemical etching)
Luminousness	≥80%
Touch controller IC	EETI 81
Available touch drivers	Windows, Linux, Android, Mac, etc
Touch bonding	Optical bonding
Touch options	5 wire resistive touch, non touch, IR touch optional

Power Supply

Working voltage	DC 9-36V
Power consumption	15W
Power adapter	AC 100 ~ 240V input and DC +12V@5A MAX output, 60W

Enclosure

Material	Aluminum alloy panel, heat sink plate + galvanized cold-rolled plate back shell
Finish	Aluminum frame, aluminum heat sink: sandblasting oxidation, anti-UV and anti-discoloration treatment Rear shell: electrostatic powder spraying
Color	Black, other color optional
Mounting	VESA mount 75/100
IP grade	Full IP68 waterproof
Cooling system	Passive - Fanless

Operating Environment

Temperature Range	Operating: -20 °C ~ 70°C (-4°F ~158°F) Storage: -30 °C~80°C (-22°F ~176°F)
Relative humidity	Up to 100% at all relevant temperatures, non-condensing
Vibration	GB/T 2423.10-2019
Shock	GB2423.5
EMC	Class B

Packing Details

Net weight	Net weight 2.8kg
Product Dimension	320×250×61mm

Packing info	1pcs/ctn 45×35×12cm 5kg
	2pcs/ctn 46×36×25cm 11kg
Accessories	Waterproof adapter, waterproof network cable, waterproof USB cable, waterproof HDMI cable, antenna stick

Other

Warranty	1 year warranty
Certificate	CE, FCC, RoHS

Product Dimension