Sihovision®

SHENZHEN SHINHO ELECTRONIC TECHNOLOGY CO., LTD
Professional panel PC manufacturer

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Features:

1. Aluminum alloy frame with sandblasting and oxidation process, anti-UV and anti-discoloration treatment, front shell IP65 waterproof

2. Industrial-grade LCD screen, full viewing angle, 1000 brightness visible under sunlight, PWM software to adjust 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. Front-mounted RFID card swiping module and QR code barcode recognition module

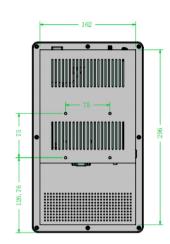5. Use industrial-grade components, work 24/7, and support wide temperature operation -20-70℃

Model: SC101

PC

CPU	Intel® Celeron J1900, quad core, 1.99GHz, fanless,TDP10W Other CPU Optional
Memory	4G DDR3, supports 1600MHZ memory, low voltage 1.35V, supports up to 8G
Hard Drive Capacity	128G SSD
Hard Drive Optional	SSD: 256GB, 512GB, 1TB
	HDD: 500GB, 1TB, 2TB
Graphics	Integrated Intel HD Graphics graphics controller
Audio	Integrated Cmedia HS-100B USB audio chip
Network	Realtek 8111F Gigabit/Realtek 8105E 100M network port, supports network wake-up, PXE function
Wireless Network	MC-AC7265 WIFI IEEE 802.11a/b/g/n/ac
RFID	13.56MHz
QR code	Can recognize QR code and barcode
Operation System	Support Windows 7/10, Linux, Ubuntu, Debian, etc.

I/O

USB	4×USB2.0
COM	1×RS232
LAN	1×RJ45
Video Outputs	1×VGA, 1×HDMI
Audio	1 × 3.5mm Line-out, 1 × 3.5mm Line-in (2 x 2W Speakers)
Power input	1× 12V DC jack
Other	1×Power on/off button, 1×WIFI antenna jack male

LCD panel

Panel size	10.1"
Display active area	136.56(W)×216.78(H) mm
Resolution	1280*800
Aspect ratio	16:10
Support Color	16.7M colors
Brightness (cd/m²)	1000 nits
Brightness control	PWM software adjustment
Contrast ratio	900:1
View angle	85°/85°/85°/85° (R/L/U/D)
Backlight	WLED, 30K hours
Touch panel	
Touchscreen Type	Projected Capacitive Touch (up to 10 points)
Surface hardness	7H
Surface treatment	Anti glare (chemical etching)
Luminousness	85%
Touch controller IC	ILITEK2510
Available touch drivers	Windows, Linux, Android, Mac
Touch bonding	Air bonding
Touch options	(5 wire resistive touch, non touch, IR touch optional)
Power Supply	
Working voltage	DC 12V
Power consumption	15W
Power adapter	AC 100 ~ 240V input and DC +12V@3.33A MAX output, 40W
Enclosure	
Material	Aluminium alloy bezel+ Zinc Plating cold rolled steel rear housing
Finish	Front bezel: Sandblasting+Hard Anodizing, UV-protection and Anti-discoloration treatment Rear housing: powder coated
Color	Black
Mounting	VESA mount 75*75mm
IP rating	Front panel IP65
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 90% at all relevant temperatures, non-condensing
Vibration	GB/T 2423.10-2019
Shock	GB2423.5
EMC	Class B
Packing Details	
Product weight	Net weight 2.5kg Gross weight 3.7kg
Product dimension	188×323×52.8mm

Packing info	1pcs/ctn 42×16×42cm 4kg
	2pcs/ctn 42×30×42cm 8kg
Accessories	Power cord, adapter, antenna, wall bracket
Other	
Warranty	1 year
Certificate	CE, FCC, RoHS