



Features:

1. Aluminum alloy frame with sandblasting and oxidation process, anti-UV and anti-discoloration treatment, front shell IP65 waterproof
2. Build in RFID with dual frequency 13.56MHz Mifare and 125KHz EM
3. Build QR code reader module
4. 10-point capacitive touch screen, the protective layer is 2mm tempered glass (chemically strengthened), the hardness reaches 7H
5. Industrial grade LCD screen, full viewing angle
6. Use industrial-grade components, work 24/7, and support wide temperature operation -20-70°C

Model: SC07A

PC

CPU	RK3568 Quad-core 64-bit Cortex-A55 architecture, based on high-end 22nm process, Base 2.0GHz
Memory	2G (4G/8G Optional)
Storage	eMMC 16G (32G/64G/128G Optional)
Graphics	Mali-G52 2EE
Operation System	Android 11
Play Modes	Support timing, loop and spots etc. play modes
Wireless	2.4/5G WIFI and Bluetooth
Network Support	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
RFID	13.56MHz Mifare and 125KHz EM
QR Code	yes

I/O

USB	2x USB (1x HOST, 1x OTG)
COM	2x RS232
LAN	1x RJ45
Video Outputs	1x HDMI
Audio	1x 3.5mm Line-out
Power input	1x 12V DC jack
Other	1x Sim card slot, 1x TF card slot, 1xWIFI antenna jack male

LCD panel	
Panel size	7"
Display active area	157.21(W)x89.49(H) mm / 6.189x3.523 in
Resolution	1024*600
Aspect ratio	16:9
Support Color	16.7M colors
Brightness (cd/m ²)	300 nits (1000 nits sunlight readable optional)
Brightness control	PWM software adjustment
Contrast ratio	800:1
View angle	80°/80°/70°/80° (R/L/U/D)
Backlight	WLED, 50K hours
Touch panel	
Touchscreen Type	Projected Capacitive Touch (up to 10 points)
Surface hardness	7H
Surface treatment	N/A
Luminousness	90%
Touch controller IC	ILITEK2510
Available touch drivers	Android, Windows, Linux etc.
Touch bonding	Air Bonding (Optical bonding Optional)
Touch options	5 wire resistive touch, non touch, IR touch optional
Power Supply	
Working voltage	DC 12V (9-36V DC Optional)
Power consumption	12W
Power adapter	AC 100 ~ 240V input and DC +12V@3.3A MAX output, 36W
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, Silver, White others Optional
Mounting	VESA mount 75*75mm, Panel mount
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 1.8kg Gross weight 2.6kg
Product dimension	228×196.7×55mm
Packing info	1pcs/ctn 36×32×11cm 2.6kg 5pcs/ctn 53×36×33cm 13kg

Accessories	Power cord, adapter, antenna, embedded mount screws
Other	
Warranty	1 year
Certificate	CE, FCC, RoHS
Product Dimension	

