

Handheld Smart POS

CS30



Highlights

- Qualcomm Octa-Core ARM Cortex-A53 1.8GHz;
- Safedroid OS (based on Android 10.0);
- Massive memory: 2G RAM + 16G ROM;
- 6.0 inch TFT IPS LCD, resolution 1440*720;
- Full bands for global coverage: 4G/3G/2G, WLAN, Bluetooth, VPN;
- Camera for quickly QR code scan & Symbol 2D scanner as option;
- The grand 7.6V/2600mAh battery + extraordinary power management design ensures a full day duration;
- Super NFC for full scenarios such as transportation, logistic, and ID control;
- 58mm thermal receipt printing/label printing;

Specifications

Basic Characteristics	OS	Safedroid OS (based on Android 10.0)
	CPU	Qualcomm Octa-Core ARM Cortex-A53 1.8GHz
	ROM	16GB ROM EMMC
	RAM	2G RAM LPDDR3
	Display	6.0 inch TFT IPS LCD, resolution 1440*720
	Panel	Ultra sensitive capacitive touch screen, can work with gloves and wet fingers
	Dimensions	215mmX81mmX17mm (max 51mm)
	Weight	380g (Battery included)
	Keys	Physical keys: power on/off, Volume + /-, quick scan key
	Input	Chinese/English, and supports handwriting and soft keyboard
Radio Communication	WIFI	IEEE 802.11 a/b/g/n ,support 2.4GHz and 5GHz
	Bluetooth	BT 4.2 LE and earlier
	4G	European version(Default): FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B20/B28 TDD-LTE: B38/B39/B40/B41 American version(Optional): FDD-LTE: B2/B4/B5/B12/B17
	3G	European version(Default): WCDMA: B1/B2/B5/B8 TD-SCDMA: B34/B39, American version(Optional): WCDMA: B2/B4/B5
2G	GSM/GPRS/EDGE: 850/900/1800/1900MHz	
NFC	Contactless Card reader	Supports 14443A/ 14443B
Expansion and peripherals	Printer	High-Speed Thermal Printer ; Label printing; (Optional feature) 58mm printing paper ; 40mm paper roll
	Rear Camera	5MP AF Camera with LED flash
	Satellite Positioning	Support GPS(A-GPS)/ Bei-Dou/ Glonass or Galileo
	Audio	Speaker
Interfaces	Micro SD Card Slot	1 Pcs support up to 128GB
	SIM Card Slot	1 Pcs Micro SIM
	PSAM Card Slot	1 Pcs Conforms to ISO7816 standard
	USB Port	1 Pcs Type C USB
Power	Battery	Li-ion battery, 7.6V/2600mAh
	Charging Port	Type C USB Port, 5V DC/2A

Environment	Operating Temperature	-10°C to 50°C
	Storage Temperature	-20°C to 70°C
	Humidity	5% to 95% Relative Humidity, Non-Condensing
Certification	Electromagnetic	CE, Rohs, FCC
Optional	Fingerprint	Semiconductor capacitance, 18mm x 12.8mm imaging area 256 x 360 pixel array, Crossmatch FBI certified 508dpi
	Fiscal Module	Russian Format
	Barcode Scanner	Symbol 4710 2D Image Engine, Support 1D and 2D symbologies
	Label Printer	Seiko printer head for both Label and receipt print

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

The SAR limit adopted by USA and Canada is 1.6 watts/kilogram (W/kg) averaged over one gram of tissue. The highest SAR value reported to the Federal Communications Commission (FCC) and the Industry Canada (IC) for this device type when it is tested for use at the hotspot is **0.77W/kg**, and that when it is properly worn on the body is **0.76W/kg**.

The device complies with the RF specifications when the device is used at a distance of 10 mm from your body. Ensure that the device accessories such as a device case and a device holster are not composed of metal components. Keep your device 10 mm away from your body to meet the requirement earlier mentioned.

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 10 mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

Ciontek Technology Corp.

Disclaimer: This product specification is subject to change without prior notice. In addition, images shown throughout this brochure are for

illustrative purposes only and may differ from the actual product.