



TECHNICAL SPECIFICATIONS

Mainframe	CPU: Intel Core i3 processor, 3.7GHz RAM: 4GB DDR4 Storage: 256GB SSD Connection ports: 10 serial port, 14 USB3.0, 1 Network card Speaker: Support volume adjustment, 2.0 soundtrack
19 inches display	19 inch 4:3 TFT LED: 1280*1024 resolution Responding time less than 30ms, support VGA or DVI port
10 inches touch screen	Electromagnet capacitance screen, multi-touch display; 4096*4096 resolution, deviation less than 2mm, responding time less than 8ms;50 million touchpresses life span
Metal EPP	Stainless steel EPP, support braille hinting; 16 keys including 10 number keys and 6 function keys, support keypad press tone; Support 3DES, DES, MAC encryption algorithm and ANSI X9.8 PIN Block format; Met ANSI X9.24 security standard, support SM2/SM3/SM4 national standard; Self-destruction upon dissembling for encryption key and sensitive data. Water, dust explosion proof, anti-peeping input module; BOC bank card test center certified
Fingerprint device	Error rating less than 0.0001%, matching time less than 1s, support 1:1 or 1:N matching model; Capacity detection technology/dermis recognition, over 1 million sensor usage count; Outrage protection equipped, automatic recovery after power restoration
Facial Camera	Support 720p resolution/ 30 fps, 60 degree wide-angle lens, autofocus; Highly adjustable, enable manual adjustment level for customer
Electronic card dispenser/card bin	Card type: debit card, credit card; support IC card/magnetic card reading, dispensing; Magnetic card standard: physical standard: ISO7810 and 7811, ISO7811-2, ISO7811-4, ISO7811-5 and ISO7811-6 standard card RS232 communication port, DC 24V/2A power supply; 2 card bins, individual capacity of 100 flat cards or 70 embossed cards; magnetic card re-read rate less than 0.1%; IC card reader life span: 300,000 times; recycle bin capacity of 10 cards or more, support full bin status notification; support repertoire card retrieving, outrage automatic card retrieving, low and zero storage reporting
Non-contact IC card reader	Maximum operation range: 50mm; read/write duration: <=1300ms; communication port: USB; Support EMV standard requirement, support NFC card reader mode; Independent hardware encryption hardware embedded on security module, able to perform encryption and anti-hacking, also has 2 SAM slot; Non-contact IC card reader met ISO/IEC 14443 Standard
Slot loading ID card scanner	Slot loading type, two-sided scanning, front-in front-out, support 2nd and 3rd generation ID card; scan speed: 50mm/sec; image format: BMP, JPEG; output 150 dpi, 200dpi, 300dpi grey level or colored image; Scanned image support automatic rectifying and manual cropping, output image size match original image; USB port, DC 24V power supply, support force exit button, outrage card pop-out.
Invoice printer	Slot loading type, two-sided scanning, front-in front-out, support 2nd and 3rd generation ID card; scan speed: 50mm/sec; image format: BMP, JPEG; output 150 dpi, 200dpi, 300dpi grey level or colored image; Scanned image support automatic rectifying and manual cropping, output image size match original image; USB port, DC 24V power supply, support force exit button, outrage card pop-out.
E-token/USB-key distribution module	Supporting media: E-token (1D barcode needed for the media, distribution media need to be placed in the fixed size package); Package size: 100mm*80mm*(15mm-20mm); media code reading pattern: acquiring media information by scanning the 1D barcode on the package through barcode window; E-token capacity: 50, recycle bin capacity: 5; Enclosed E-token bin, lock equipped and fixation available, E-token bins are removable; Equipped wit hardware self-checking and remote resetting function, support empty key bin notification
Microphone	Wire length: 1.8m, plug port: 3.5mm(elbow); Support customer voice recording, support remote voice call, hidden design
Human body sensor	Able to detect approaching customers, turn on/off screen or switch advertisement; Detection range: 5-120cm; Sensor technology: infrared; sensor angle: 30 degrees
E-signature + E-pen	E-pen input ensure chirography fidelity; able to store signature data in original handwriting track, vector image form;
Panorama Camera	Support 1.3 million resolution/30fps, 120 degree wide-angle camera; Non wide range image restoration
Laser barcode scanner	Support USB, RS232 port, international 1D/2D standard barcode recognition; Support PDF, are code and OCR character recognition, support commonly used PDF417 2D barcode, Datamatrix 2D barcode, QR Code, Code 49, Code 16k, Code one etc
Laser printer	USB/Network communication, A4 laser printing, 1200*1200 dpi resolution; Printing speed: 35 pages/min; first page output duration: <8s; Equipped with indication lights(customized lighting pattern)
Cabinet	Fully customized cabinet for BOC, reserved security camera slot; High reliability power system adopted, preventing electric shock and overheating; Power supply standard: AC 220V, 50Hz/110v,60Hz

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Olicom International Srl. (Italy)
Add: Via Torino 131, 10015 Ivrea (TO), Italy

Pu Ying Olicom Technology Hong Kong Ltd.
Add: Flat "A" 17/F, Wah Kit Commercial Centre, 302 Des Voeux Road Central, Hong Kong

Email: sales@oli-com.eu tech@oli-com.eu
Web: www.olicom-group.com