



## Self-service report all-in-one machine TH-3219BG

### Embedded software: Self-service report all-in-one machine software V2.102



## Description

The self-service report terminal is an intelligent equipment used in hospitals for the self-printing of examination, inspection, and physical examination reports. It allows for identification and printing of reports using ID cards, medical consultation cards, or QR codes (such as consultation number and medical record number). With intelligent management, it effectively improves medical service efficiency and patient satisfaction.

## Feature

- \*Equipped with a 19-inch high-definition capacitive touch screen, supports Windows operating system and multi-touch interactive operation.
- \*It supports identification of the second-generation ID card by placing it on the card sensing area of the self-service machine. It also supports identity verification via swiping the ID card, medical consultation card, or scanning a QR code for self-service printing of reports.
- \*Supports self-service printing of inspection, examination and physical examination reports, and printing on A4 and A5 paper.
- \*Features a metal encrypted keyboard with 10 numeric keys and 6 function keys, offering protection against water, dust, impact, drill (intrusion), tampering, leakage, eavesdropping, and replacement.
- \*Supports querying report information within 60 days by entering ID card or consultation card number on the keyboard.
- \*Supports remote software upgrades via the backend, allows setting specific time periods for scheduled power on/off, and includes log viewing functionality.



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#### Specification

Operating system	Windows operating system
Processor	Dual-core 3.6 Ghz
Memory	4GB
Harddisk	128GB SSD Hard Drive
LCD size	19 inches
Display area	376.32 (H)×301.056 (V)
Display resolution	1280×1024
Screen ratio	4:3
Panel brightness	280 cd/m2
Viewing angle	Full view
Display color	16.7M
Contrast	1200:1
Touch embedding method	Integrated G+G capacitor
Touch sensing technology	20-point capacitive touch
Writing method	Finger, capacitive touch pen
Touch response speed	≤10ms
Positioning accuracy	±2mm
Communication interface	USB Type B Male
Touch life times	≥50 million times
Social security multi-function module	Support Chinese second-generation resident ID card Support Hong Kong, Macao and Taiwan residence permits Magnetic stripe card: 1/2/3 track magnetic reading, two-way card swiping, single-sided card swiping Contact IC card: Supports the operation of CPU cards with T=0 and T=1 that comply with the ISO 7816 standard × CPU card in T=0/T=1 mode × Various contact memory cards and logic encryption cards from ATMEL, SIEMENS, ISSI, Fudan and other companies: AT24C01A\16\64, AT88SC1604\1608\153, SLE4442, SLE4428 Contactless card: Supports standard contactless card types that comply with ISO 14443 Type A/B Mifare, with a maximum card reading distance of no less than 5cm
HD camera	Physical pixels; HD-1080P-200W Lens 1: 3.9 mm color, Lens 2: 3.9 mm black and white Best shooting distance: 20CM-300CM Field of view: 65°±5° Dynamic range: 96db Aperture/Distortion: F2.0/<1% Support: YUY2, MJPG
2D scanning module	Image size: 640×480 Pixel motion tolerance: 100mm/s (4in/s) Scanning angle: horizontal 38°, vertical 29°, tilt angle t45°, depression angle T45° Lighting: White LED
Laser printer	Product type: black and white laser printer Standard memory : 128M Interface type: USB 2.0 interface Operation panel: LCD display panel First page output time: ≤6.9s Black and white printing speed: ≥38ppm Maximum printing size: A4 Print resolution: ≥4800×600dpi
Metal encryption keyboard	Input keyboard: 10 numeric keys, 6 function keys Protection capability: Sensitive data can be stored for more than 5 years in case of power outage Safety features: protection against water, dust, impact, drill (intrusion), tampering, leakage, eavesdropping, and replacement. Communication interface: standard RS-232 and standard USB 2.0 Key life: more than 2 million times Algorithm: Support DES, Triple DES and 2048bit RSA Material: Stainless steel Security performance: keys, programs and sensitive data will self-destruct after unpacking Key travel: not less than 0.45mm Processing capabilities: PIN encryption, MAC calculation, data encryption/decryption Key surface characters: Etched concave or convex characters Compliant standards: ISO9564, IBM3624, ANSI X9.9, ANSI X9.19 Communication interface: RS-232+P/S
USB interface	USB2.0×2
Communication interface	RJ45×1, 100M/1000M adaptive
Illuminated reset switch	1
Power switch	1
Maximum power consumption rate	≤300W
Standby power	≤0.5W
Input power	AC 220V
Workplace	Indoor
Operating temperature	0 °C - 40 °C
Operating humidity	10% - 90% non-condensing
Storage temperature	-20 °C - 60 °C
Storage humidity	10% - 90% non-condensing
Dimensions ( width x depth x height )	502.8×550×1590.88 mm
Weight	144 kg