Registration machine

TH-3221BDL

Description

The floor-standing registration machine is installed in the waiting area of the triage nurse station, allowing patients to self-register by verifying their identity card, medical insurance card, medical consultation card, and other manners. This process reduces waiting times at the registration window. It is widely used in various medical institutions, such as outpatient clinics, medical technology departments, physical examinations, and prescription collection areas, for queue management and sign-in.

Feature

*Equipped with a 21.5-inch high-definition capacitive touchscreen and running on the Android operating system, it supports multi-touch interactive operations.

*Supports the identification of the second-generation ID card by placing it on the card sensing area of the self-service machine, as well as self-service check-in through identity verification via ID card swiping, medical consultation card swiping, or QR code scanning.

*Supports viewing the number of people in the waiting queue and printing number receipts after registration.

*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	Android 11
Processor	Quad-core 2.0GHz
Running memory	2 GB
Storage memory	16 GB
Display size	21.5 inches
Display type	LED LCD display
Resolution	1080×1920
Screen ratio	9:16
Screen display size	476.64 × 268.11 (H×V) mm
Brightness	280cd/m2
Contrast	1000:1
Viewing angle	89°/89°/89°/89°
Display color	16.7M 98% sRGB
Display screen protection	4mm fully tempered high explosion-proof
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
Communication interface	Integrated 100m ethernet controller
Touch life times	≥50 million times
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
Id card reader + IC	It complies with the ministry of public security's "GA450-2013 general technical requirements for desktop resident identity card readers" and is compatible with the ISO-I4443 {TYPE-B} standard. Working frequency: 13.56MHZ (FC) Reading distance: 0-5CM Reading time: ≤ 1s
Thermal receipt printer	Line thermal printing resolution: 203dpi Paper cutting method: Half cutting Printing speed 260mm/s
	Print length: Up to 50 km Print width: 72mm Print cutter life: Greater than or equal to 1 million times
	Paper feeding method: Automatic paper suction Identification detection: Support black mark positioning
Interface	USB × 2 , MIC+audio port × 1 , RJ45 × 1
Wifi	Universal 2.4G UHF + bluetooth 4.0
Speaker	3W/8ω × 2
Input power	AC 220V
Maximum power consumption rate	≤85W
Standby power	≤0.5W
Workplace	Indoor
Operating temperature	0 ℃ - 40 ℃
Operating humidity	10% - 90% non-condensing
Storage temperature	-20 ℃ - 60 ℃
Storage humidity	10% - 90% non-condensing
Net weight	30 kg
Gross weight	35 kg
Dimensions (width x depth x height)	380×450×1588.67mm
Installation	Floor-standing