Bayint

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SMART TELEMEDICINE

Health Screening Kiosk

M800



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SMART TELEMEDICINE HEALTH SCREENING KIOSK M800

Features

Multiple login methods for easy access

IC card or QR code login



Telemedicine support

Optional HD camera for compatible video-call systems



Large 21.5-inch touchscreen

Clear guidance for quick, easy health measurements



Thermal report printing

Print measurement summaries



Wide arm cuff

Arm circumference: 17-42 cm



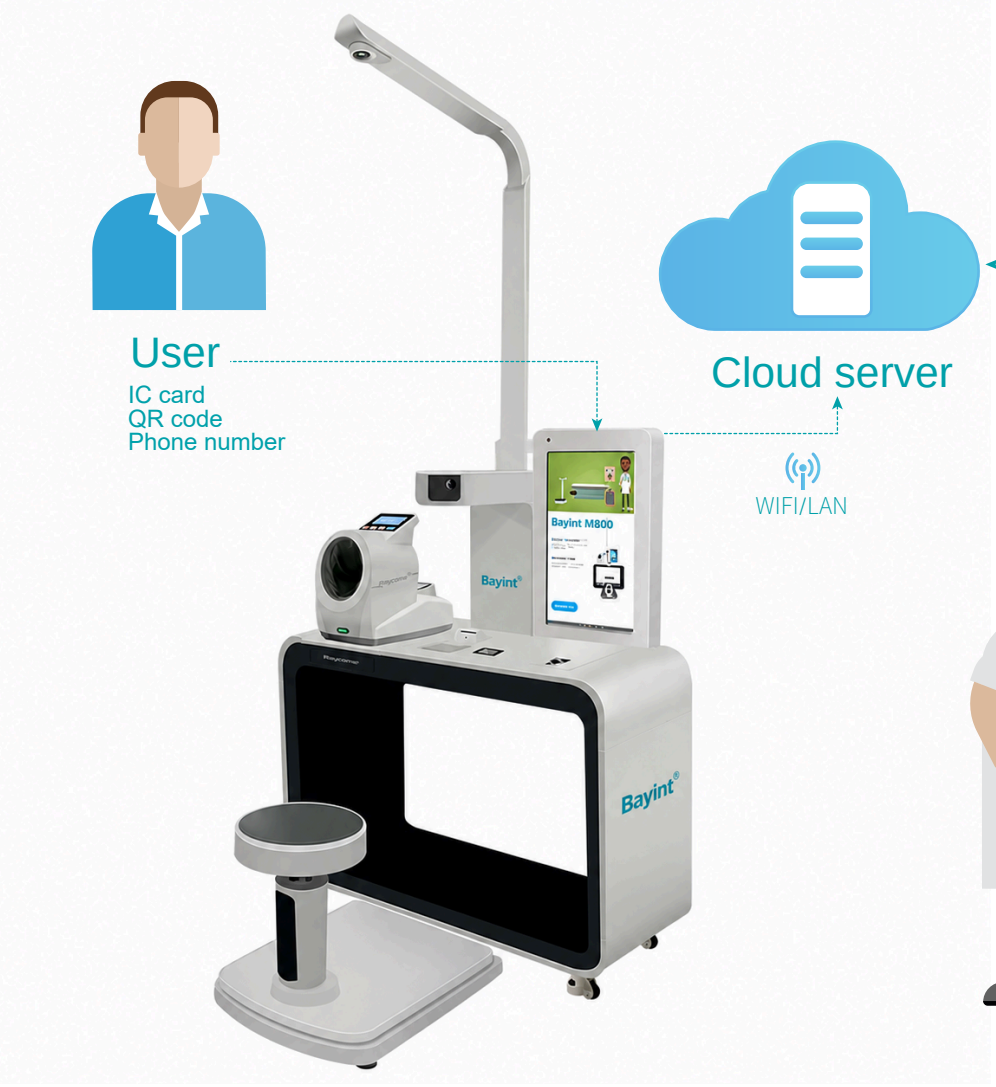
Seated blood pressure checks

Comfortable seated positioning



SMART TELEMEDICINE HEALTH SCREENING KIOSK M800

Data interconnection



Health management

- Registration
- E-medical record
- Process management
- Health archive
- Statistical Analysis
- Consultation
- Notifications

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Operation instructions

1 QR code login



Login options:
QR code
Phone number
IC card

2 Body temperature



3 Height and Weight



4 Blood pressure



5 Blood oxygen



Report

SAMPLE REPORT
Name: Test Female, 24

Height	153.1 cm
Weight	59.2 kg
BMI	25.3 kg/m²
Temperature	36.9°C
Blood pressure	
Systolic	94 mmHg
Diastolic	63 mmHg
Pulse	77 bpm
SpO2	100%



SMART TELEMEDICINE HEALTH SCREENING KIOSK M800

CUSTOMIZATION / Configurable functions



Efficient screening

Guided measurement workflow

Guided operation

Card / barcode login and voice guidance

Integrated measurement

Dedicated measurement modules for a consistent workflow

Comfortable positioning

Integrated seat for seated checks; adjustable seat height

Modular options

Configure height measurement and other functions to suit your requirements.

Data integration

Optional integration with a compatible health management platform.

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Functions



Height
Accuracy:±0.1cm



Weight
Accuracy:±0.1kg



BMI
Unit: kg/m²



Blood pressure
Accuracy: ±2 mmHg
(±0.267 kPa)



Temperature
Accuracy: ±0.3°C



Blood oxygen
Accuracy: ±2%

1

Height measurement

Range: 50-200 cm
Accuracy: ±0.1 cm

2

Weight measurement

Range: 5.5-200 kg
Accuracy: ±0.1 kg

3

Multifunction touchscreen

21.5-inch touchscreen with support for remote consultation.

4

Non-contact forehead temperature

Range: 32.0-42.5°C
Accuracy: ±0.3°C

5

Blood oxygen (SpO2)

Range: 35-100%; accuracy ±2% over 70-100%

6

Blood pressure measurement

Raycome RBP-7000: 0-270 mmHg; pulse: 40-180 bpm
Arm circumference: 17-42 cm

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SPECIFICATIONS

Item	Parameter	Specification
Device	Data output interface	LAN network interface,WIFI,4G
	Operating system	Embedded
	Operating humidity range (storage temperature range)	5℃～40℃, 20%～85% (non-condensing) (-10℃～+60℃)
	Voltage & Frequency	100～240V AC / (50Hz/60Hz)
	Code Reader	Barcode/QR code
	SW Platform	Android 5.1
	Data transmission	WiFi/RS232
	DC supply	12 V DC, 3 A
	Machine Size	Dimensions to be confirmed for the selected configuration
	Machine Weight	about 78KG
Touch screen	Display	21.5-inch LCD screen,response speed:6ms,With a high brightness of 1500nits
Height measurement	Measuring system	Ultrasonic measurement
	Measuring range	50-200 cm
	Tolerance	±0.1cm
Weight measurement	Measuring system	Resistance strain type
	Body mass index	Automatic intelligent calculation of body mass index
	Measuring range	5.5-200 kg
	Tolerance	±0.1kg
Body temperature	Infrared thermometer	NC-9900
	Measuring range	32.0～42.5℃
	Accuracy	≤±0.3℃
	Measurement distance	5～8cm
	Specification	160*90*40mm
	Current drain	OFF≤20uA,ON≤20mA
	Auto standby(Memory)	8s(32 sets)

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SPECIFICATIONS

Item	Parameter	Specification
Blood oxygen	Equipped with oximeter	Creative KS-CM01
	sensor	Dual-wavelength LED
	Wave length	Glow: 663nm Infrared: 890nm
	Range	35%-100%
	Max. Light output power	<2mW
	Measurement error	In the range of 70% to 100%, the measurement error is ±2%
	Pulse rate error	Difference at ±3% within 70%-100%
	Accuracy	30-250bpm, error is ±2bpm or ±2%, take bigger value
	Working temperatur	5℃-40℃
	Relative humidity	15%-95%(non condensation)
	Atmosphere pressure	70kpa-106kpa
	Power supply	Power adaptor
Blood pressure (RBP-7000)	Measurement range	Pressure: 0-270 mmHg; pulse: 40-180 bpm
	Accuracy	Pressure: ±2mmHg （±0.267kpa）Pulse: ±2% of display readin
	Internal storage	Automatically save 100 medical records
	Power source	AC 100-240V,50-60Hz,1.6-0.8A
	Operating environment	5℃～40℃ 15%RH～80%RH
	Storage temperature/humidity	-20℃～+55℃,≤93%RH
	Air pressure/Storage air pressure	80Kpa～106Kpa/50Kpa～106Kpa
	Packing size	500*355*455mm
	Protective	Class II,Type B
	Console weight	Approximately 8.0kg
	Arm circumference	17cm～42cm

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SPECIFICATIONS

Item	Parameter	Specification
Thermal printer	Printing method	Line thermal printing
	Paper width / thickness	58 ±0.5 mm / 56-105 μm
	Print width	384 dots（48mm）
	Resolution	203dpi
	Printing Speed	100mm/s（max）
	Voltage	12~24 V
Body Fat Analysis (optional)	Equipped device	Bayint
	Measuring system	Multi-frequency, 4-electrode
	Electrode material	Electroplating material
	Measuring range	200～1000Ω
Camera (optional)	Resolution	2 MP wide dynamic range camera
	Encoding type	MJPEG/YUV
	Focus	auto focus
	Effective Pixels	1920 (horizontal)*1080 (vertical)
	Wide dynamic	>120dB
	Signal to noise ratio	>62dB
	Resolution and Frame Rate	Frame rate: to be confirmed
	Zoom	5x lossless zoom
	Low light	0.01Lux@（F1.2,AGC ON)

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Application settings

Hospitals



Health screening centers



Residential care



Health centers



Clinics



Illustrative application scenes