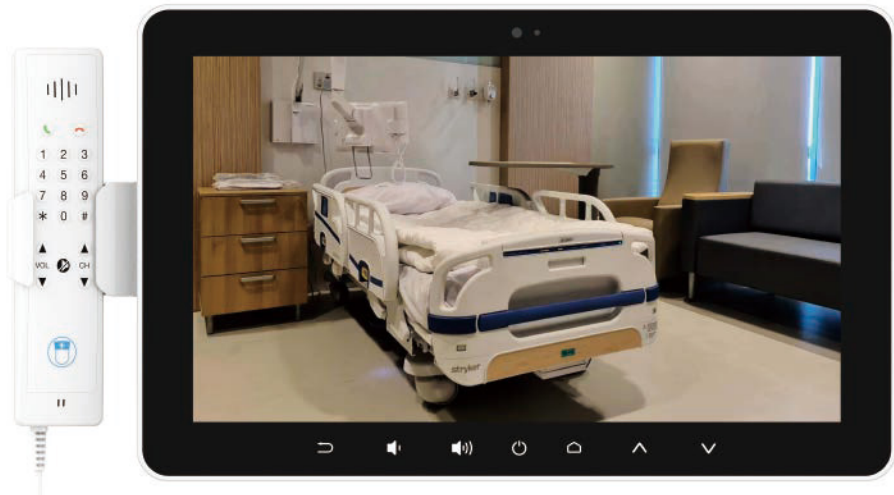**Smart Ward**

HC15
Smart Bedside Terminal

saintway

HC15 Smart Bedside Terminal

15.6" Smart Bedside Terminal

In the era of technological enhancement where the world population is surrounded by millions of smart devices and uncountable wireless signals,the lack of technology inside the clinical environment can cause of real frustration points for the Hospital and patients. Saintway offers its intelligent Computing Terminal– HC15. HC15 bedside infotainment terminal is an easy-to-use touch-screen device that has been specially designed for hospitals and the clinical environment. It provides patients with a quantum leap of entertainment, communication, self-service and education options. HC15 applications includes, alarming the staff as well as patients about the medical caring schedules (dose timing), increased clinical efficiency and workflow for the medical care staff members. It equips a 15.6″ IPS LCD screen with a 10-point touchscreen, latest powerful processing technology, USB host, OTG, extended storage, and a front camera. Besides, HC15 is also featured with extended functions like a TV tuner, RFID and Barcode reader with a USB dongle. Featuring antibacterial plastics, this beside terminal fully complies with the latest hygiene and safety standards.

The all-in-one approach makes it a perfect choice

HC15 comprehensively covers all the modern features in one device. It incorporates a high-quality LCD display, touchscreen, powerful proces- sor, and optimized operating system. Moreover, the product has been developed keeping in view the specific challenges within the Healthcare environment utilizing anti-bacterial plastics and healthcare-certified components and peripherals.

Modularized peripherals

It can be extended through modularized peripherals: RFID, handset, and TV tuner dongle. RFID has various applications in the health industry. It simplifies the clinical trial process, improves the accuracy of patient identification, eases inventory management, and eradicates the risk of administering the wrong medications. Similarly, A TV tuner dongle allows a patient to watch television programs through HC15.
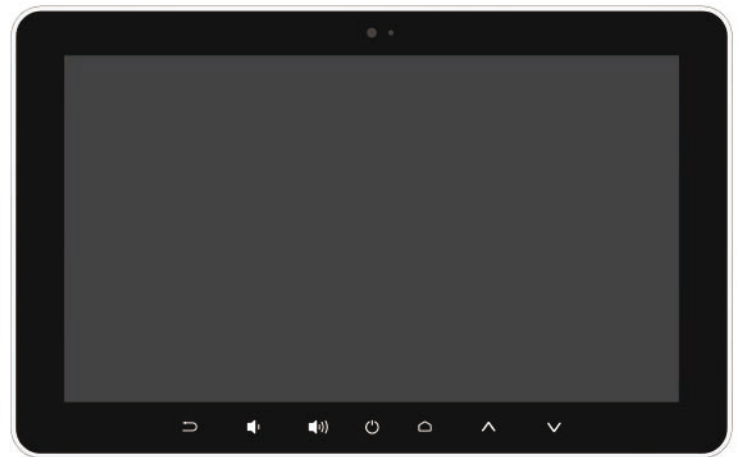
Optimized Computing Performance

HC15 equips with high-performance Rockchip 3288 Quad-core processor which provides blazing speed and optimized computing performance.

Embedded with the best mobile operating system

HC15 features Android 11 OS which provides better security and user experience. Users can enjoy the latest features available for android mobiles. It supports all Google services as well as third-party apps. Extensive support is available for Android.

Fully compliant with latest hygiene and safety standards

Keeping in view the concern of Pathogenic microorganisms, the whole shell material is made of antibacterial material which complies with European medical certification.

Reliable consult service, necessary technical support together with 12-month standard warranty are guaranteed with Saintway's experienced technical team
For more information, visit https://www.saintwaytech.com

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Specification

Core

Processor	Rockchip3288 quad-core ARM Cortex-A17 1.8GHz
Graphic	Integrated 2D/3D Mali-T764 GPU, up to 600MHz. Support OpenGL ES1.1/2.0/3.0 OpenVG1.1, OpenCL, DirectX11
RAM	2GB DDR3
ROM	32GB eMMC (8GB/16GB optional)
OS	Android 11

Display

LCD panel	15.6 inch, LED backlight
Resolutions	1920 x 1080
Brightness	300 cd/m2
Contrast Ratio	800:1
View Angle (°)	85/85(L/R), 85/85(U/D)
Touch pane	Sensitive capacitive touch screen, 10-point touch panel

Wireless

WiFi	IEEE 802.11 b/g/n/ac, Dual-band 2.4GHz & 5GHz
Bluetooth	Support Bluetooth 4.0
RFID(Optional)	NFC Forum Tag Type 1,2,3,4, PicoPass and MIFARE classic Jewel cards (106 kbps, Type1) MIFARE UltraLight (106 kbps, Type2) FeliCa (212 kbps & 424 kbps Type3) ISO14443-A&B T=CL contactless smart cards (Type4) PicoPass tag (106 kbps) MIFARE Classic 1K/4K (106 kbps)

User Interface

Video	Encode: 1080P video encoding for H.264 and VP8, MVC Decode: 4K H.265/H.264 video decoder, 1080P multi video decode
Audio	MP3, WMA, OGG, APE, FLAC, AAC etc.

Mechanical

Dimensions	405(L) x 254(W) x 41(H) mm
Weight	1977g (Excluding Handset)
Mounting	VESA 75x75mm and 100x100mm compatible
Certification	CE

User Interface

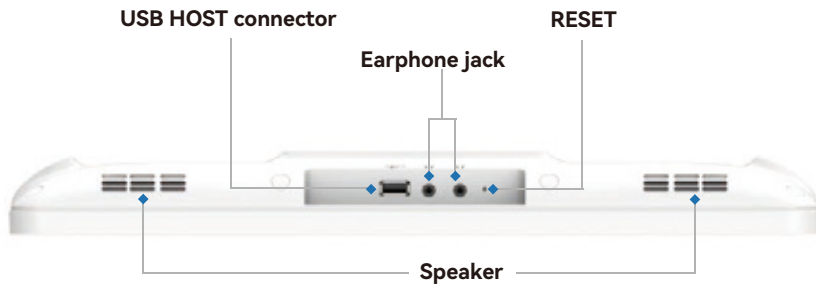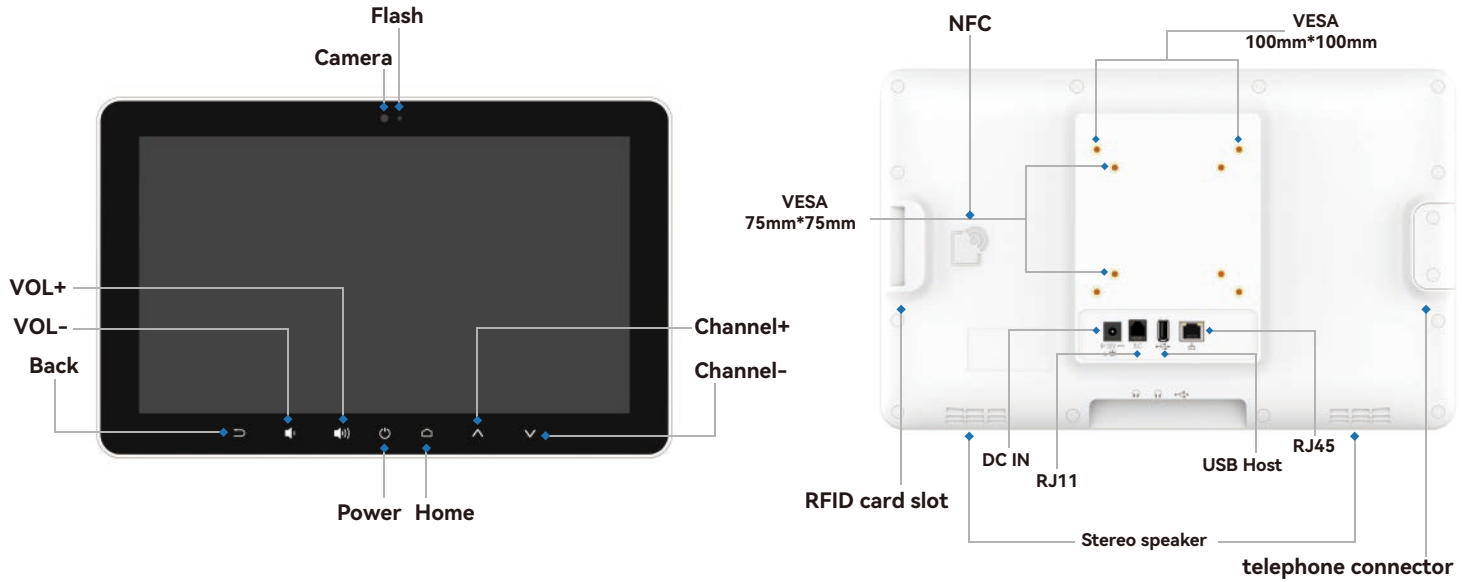|	
Speaker	Output: speaker 8Ω/3W x 2
Microphone	Internal microphone
Camera	2.0Mp CMOS Camera
Terminal back interface	DC IN x 1
Terminal bottom interface	RJ11 x 1
	USB HOST x 1
	RJ45 x 1 (10/100/1000Mbps); Support POE+
	USB HOST x 1
	Earphone Jack x 2
	Reset
Function Key	Power on/off, Vol+, Vol-, Channel+, Channel-, Home, Back
Handset	Full function handset with phone, hook switch and key membrane and optional remote (Optional)

Display

DC In	12V DC (9~36V)

Environment

Operating Temp.	-10°C to 60 °C
Storage Temp.	-20°C to 70 °C
Humidity	20%-80% (Non-Condensing)
IP Rating	Front panel IP65

Accessories

Standard	DC adaptor
optional	Handset

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Interface

Flash

Camera

NFC

VESA 100mm*100mm

VESA 75mm*75mm

VOL+

VOL-

Back

Channel+

Channel-

Power   **Home**

RFID card slot

DC IN

RJ11

USB Host

RJ45

Stereo speaker

telephone connector

USB HOST connector

Earphone jack

RESET

Speaker

Accessories

Handset

DC ADAPTOR

Nurse Call

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