

Smart Ward

# HC11 Smart Bedside Terminal





# HC11 Smart Bedside Terminal

## 10.1" Smart Bedside Terminal

The use of hospital bedside smart terminals in the clinical environment has now become obvious for the hospital services and patients entertainment and communication. These terminals help hospitals to reshape the ways being followed to manage workload of clinical operations and administrative needs and during patient care and for their satisfactin. Saintway HC11 RK328 bedside computing terminal has been specifically designed for use ina hospital and clinical environment. it equips a 10.1"IPs LCD screen with a 10-point touchscreen, Ethernet, Wi-fi,Bluetooth, USB host OTG, extended storage and a front camera. Besides these, HC11 have featured extended function like a TV tuner,RFID and Barcode reader with a USB dongle. Featuring antibacterial plastics, an easy-clean design, and a front screen that is IP65 rated, this bedside terminal fuly compies with the latest hygiene and safety standards.

## Better hardware configuration

HC11 is featured a high-performance Rockchip 3288 Quad-core processor along with 2GB of RAM and 8/16/32 GB of ROM. Its better hardware configuration provides outstanding computing performance.

## Compatible with VESA mount

HC11 supports VESA mounting i.e. 75x75 mm. It can be located on the patient's bed. The screen can be adjusted to provide the patient with easy positioning.

## Supporting the best mobile OS - Android

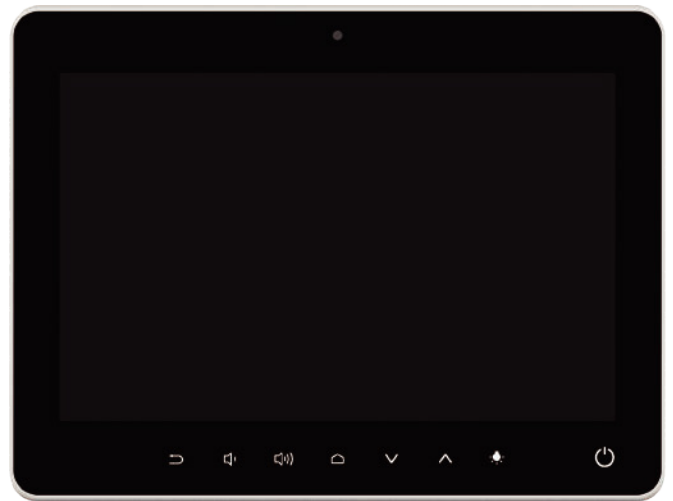
Its android-based operating system makes it more valuable as it gives access to biggest growing market of technology and applications, innovations reach the market quicker, and it supports the latest cutting-edge ideas.

## Amazing user experiences

HC11 equips with a 10.1" LCD based on IPS technology which provides faster response time, wider viewing angles, outstanding color accuracy and screen consistency. It also features a 10-point capacitive touch-screen which provides quickness, recognition of several touches and ease of use.

## Highly flexible and versatile medical computing device

In addition to built-in a 2MP CMOS camera, HC11 is equipped with I/O ports which allow the device to connect multiple accessories. It includes a USB host, OTG, extended storage and RJ45 with power-over-Ethernet (PoE). Moreover, the IP65-rated flat front panel protects against water and dust ingress.



**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>**

# 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	10.1-inch IPS, LED backlight
Resolutions	1280x800
Brightness	350cd/m <sup>2</sup>
Contrast Ratio	1000:1
View Angle (°)	85/85(L/R), 85/85(U/D)
Touch pane	Capacitive 10-point Multi-touch screen, P-CAP touch technology

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.264 and 10bits 60fps H.265 video decode,1080P multi video decode
Audio	MP3, WMA, OGG, APE, FLAC, AAC etc.

Mechanical	
Dimensions	258(L) x 194(W) x 32(H) mm
Weight	1KG(Excluding Handset)
Mounting	VESA 75 x 75mm
Certification	CE, FCC, RCM, CSA

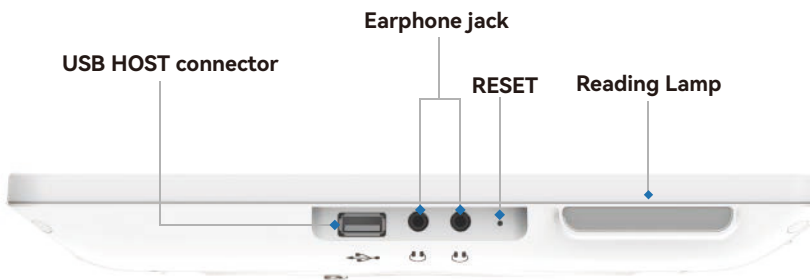
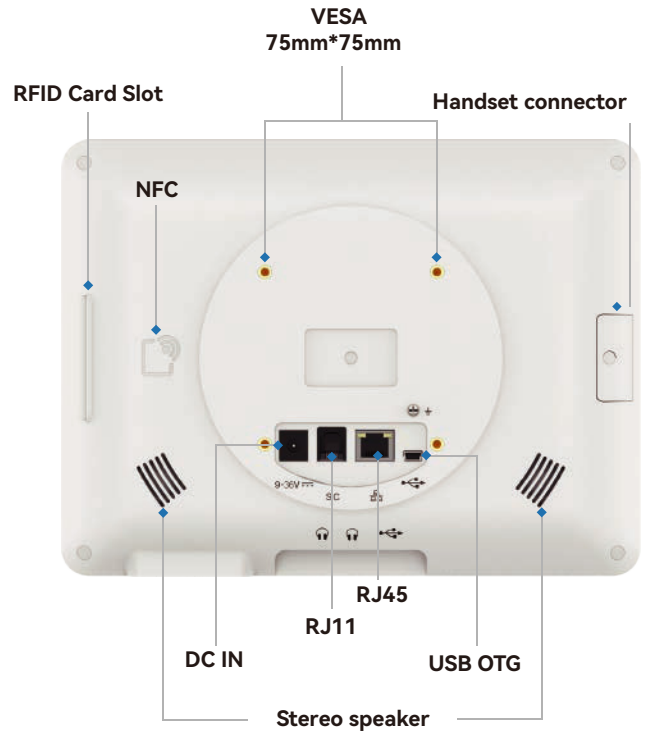
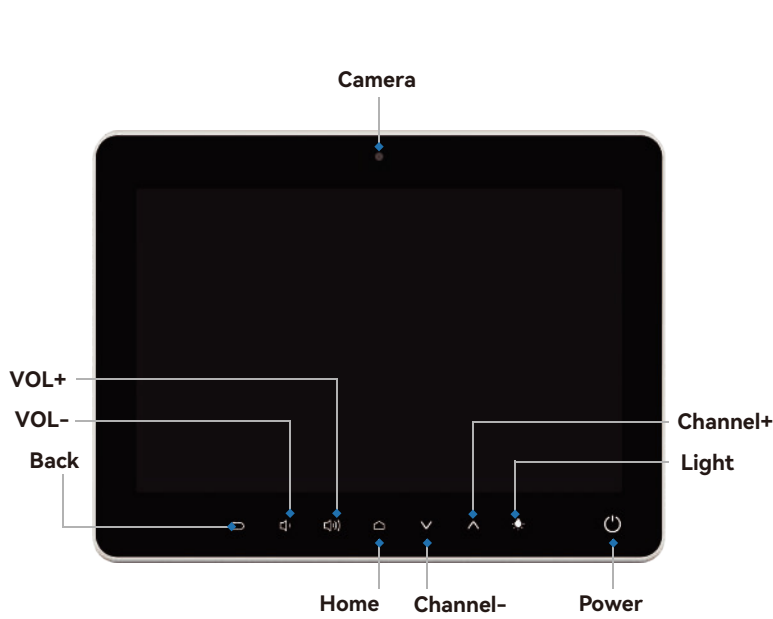
User Interface	
Speaker	Output: speaker 8Ω/3W
Microphone	Internal microphone
Camera	2.0Mp CMOS Camera
Terminal back interface	DC IN x 1
	RJ11 x 1
	RJ45 (10/100/1000M+POE+) x 1
Terminal bottom interface	Mini USB (OTG) x 1
	Earphone Jack x 1
	USB Host x 1
Function Key	Reset
Function Key	Power on/off, Vol+, Vol-, Channel+, Channel-, Home, Back
Reading Lamp	Built in

Power Supply	
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	Power adaptor
optional	Handset

## Interface



## Accessories

### DC ADAPTOR



### Handset

