

Smart Ward

MT1333

Smart Bedside Terminal





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13.3" Smart Bedside Terminal

The prime objective of the smart bedside computing terminals entrance into the hospitals and clinical environment is nothing but to automate hospital system to the best level and help patient psychologically to recover them quicker. Saintway does the same. MT1333 bedside infotainment terminal as powerful computing device, of Saintway has been specifically designed for use in the hospital and clinical environment. MT1333 provides **the staff direct access to the patient's** electronic medical record and also to the hospital information system. It provides patients with more tools for health education, interaction with the medical care staff and also diverse entertainment programs such as TV, radio, audio, video, games and the unlimited entertainment tool. It equips a 13.3"IPS LCD screen with a 10-point touchscreen, Ethernet, Wi-Fi, Bluetooth, USB host 3.0, TYPE-C, RFID, Extended storage and a Barcode reader with a USB dongle. Featuring antibacterial plastics, an easy-clean design, and a front screen that is IP65 rated. This bedside terminal fully complies with the latest hygiene and safety standards.

Improved Patient Engagement and Experience

This healthcare terminal empowers patients to access entertainment, telephone and internet services through its simple and interactive interface thus leading to improved patient engagement and experience.

Excellent Computing Device

MT1333 is powered with low power and a High-performance Rockchip RK3399 processor. It is based on architecture integrated with dual-core Cortex-A72 and quad-core Cortex-A53. Its excellent computing power has **the capability to run today's** graphic-intensive applications.

Modern and reliable Touch Screen

Along with its high-performance specifications, it also has a lower power consumption 13.3-inch 1920x1080 LCD which is based on In-plane switching (IPS) technology that provides a user an amazing experience. The screen is based on its 10-point capacitive multi-touch which is highly sensitive and accurate. This feature makes the outcome more user-friendly and comfortable to use.

Compatible with VESA Mount

VESA mounting allows low-cost installation of displays into a broad range of applications while positioning screens for increased flexibility and ergonomic benefit.

Built-in Front CMOS camera

It equips with a 2MP front camera based on CMOS which has various advantages over traditional CCD technology: Lower dark noise, Higher Sensitivity, and lower power consumption 13.3-inch 15.6-inch 1920x1080 LCD which is based on In-plane switching (IPS) technology provides a user an amazing experience.

Extendable USB Host for Barcode Reader

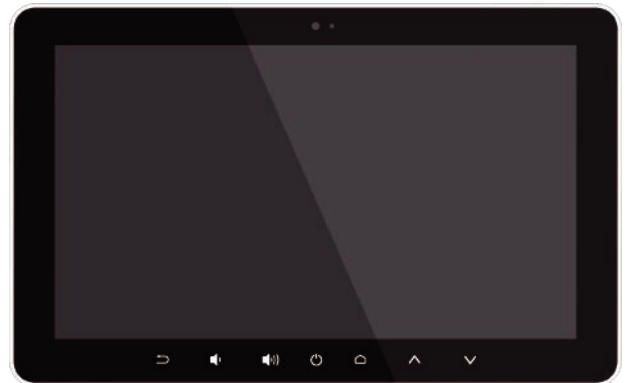
MT1333 can be extended for Barcode reader via USB. Barcode readers make it easier for inventory control so precisely.

HDMI Supported

MT1333 also supports HDMI technology which is a standard interface for simultaneously transmitting digital video and audio from a source, such as a computer or TV cable box, to a computer monitor, TV, or projector. Thus, it elevates the traditional in-room TV into a computing platform that provides patients with a range of various content.

Supporting Market-Led Operating Systems with Comprehensive Support

MT1333 supports both the industry-led Linux-based operating systems. Android being a leading mobile OS provides better security While Ubuntu which is a leading open-source desktop operating system provides an incredible user experience.



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	High-performance RK3399 (Dual-core Cortex-A72 up to 1.8GHz, Quad-core Cortex-A53 up to 1.4GHz)
Graphic	Mali-T860 GPU, Support OpenGL ES1.1/2.0/3.0/3.1, OpenVG1.1, OpenCL, DX11
RAM	4GB LPDDR4
ROM	64GB eMMC (32GB, 64GB,128GB optional)
OS	Android 12

Display	
LCD panel	13.3-inch IPS, LED backlight
Resolutions	1920 x 1080
Brightness	220cd/m ²
Contrast Ratio	800:1
View Angle (°)	85/85(L/R), 85/85(U/D)
Touch pane	G+G, 10-point capacitive touch

Wireless	
Network	5G module (Optional)
WiFi	Support 802.11 a/b/g/n/ac Dual-band 2.4GHz & 5GHz
Bluetooth	Support Bluetooth 5.0 BLE
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)

Multimedia	
Video	4K H.264 and 10bits 60fps H.265 video decode,1080P multi video decode VID/PX/H.264 (AVI, MKV, MOV, TS, ML2TS, FLV, 3GP, MPEG OAT, MP4)
Audio	supports MP3, WAV, WMA 9/Pro, OGG, FLAC, AAC, AMR-NB/-WB

Accessories	
Standard	Power adaptor
optional	Handset

User Interface	
Terminal back interface	DC IN x 1
	RJ11 x 1
	USB Host 2.0 x 1
	RJ45 (10/100/1000M+POE+) x 1 (Optional UPOE)
Terminal bottom interface	HDMI IN x 1
	Earphone Jack x 2
	Reset
	USB HOST 3.0 (male) x 1
	TYPE-C x 1
	SIM card slot x 1
Handset	Full-function handset with remote control (optional)
Function Key	Power, Vol+, Vol-, Channel+, Channel-, Home, Return

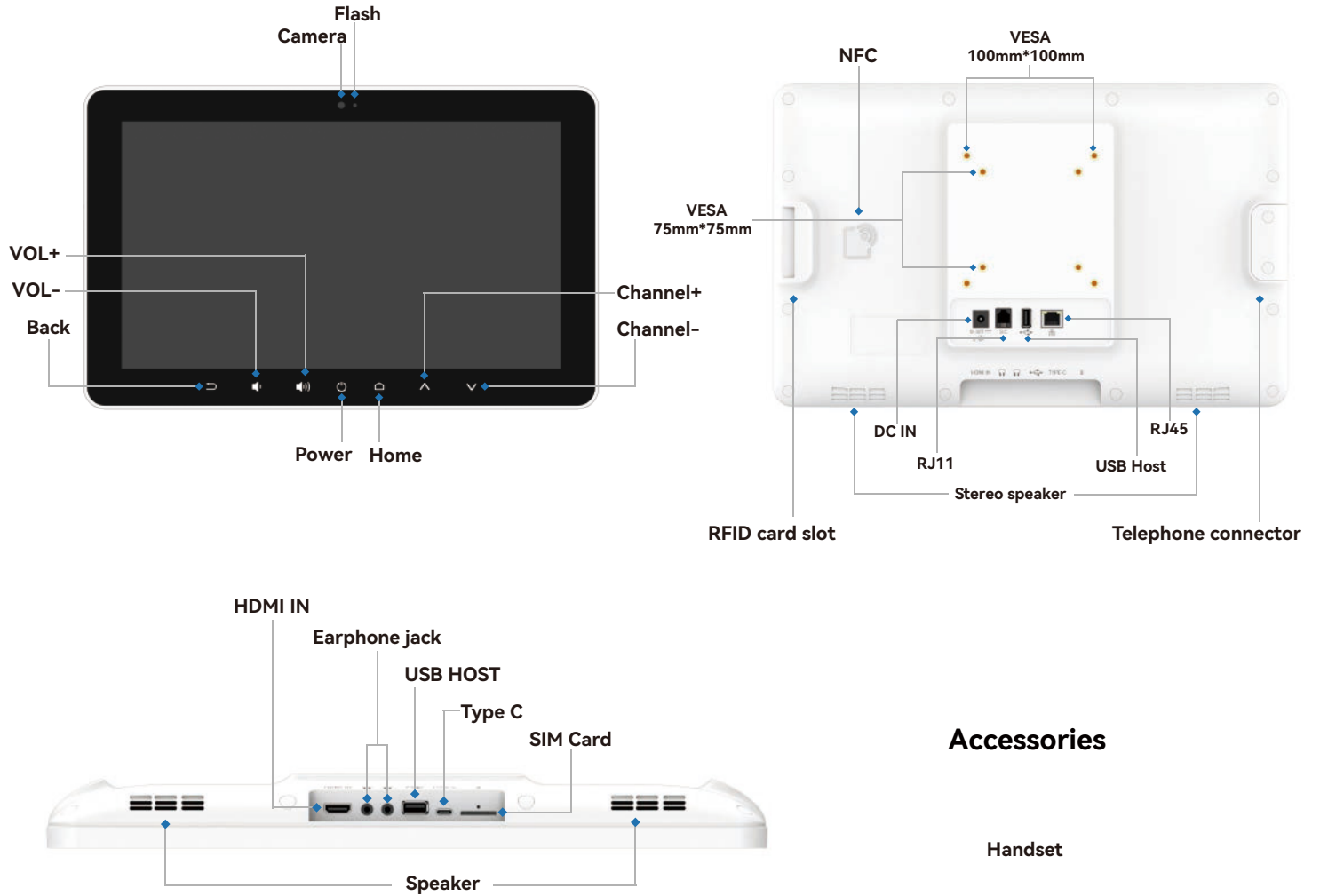
Other Functions	
Camera	2.0MP CMOS front camera
G-sensor	Support
RTC Battery	CR2032
Hard disk	Support SSD hard disk (optional)
Digital TV	Support ATSC, DVB-T2, ISDB-T (optional)

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

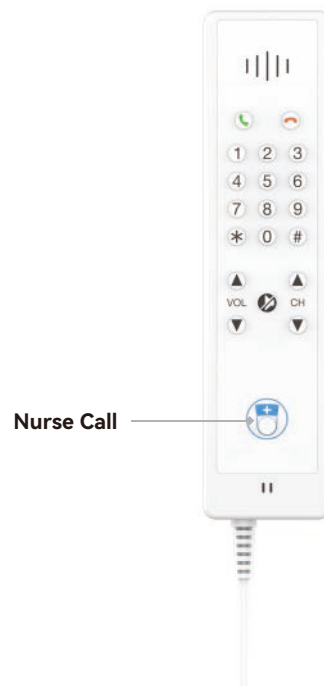
Mechanical	
Dimensions	341(L) x 252(W) x 37(H) mm
Weight	1.5KG (excluding handset)

Interface



Accessories

Handset



DC ADAPTOR

