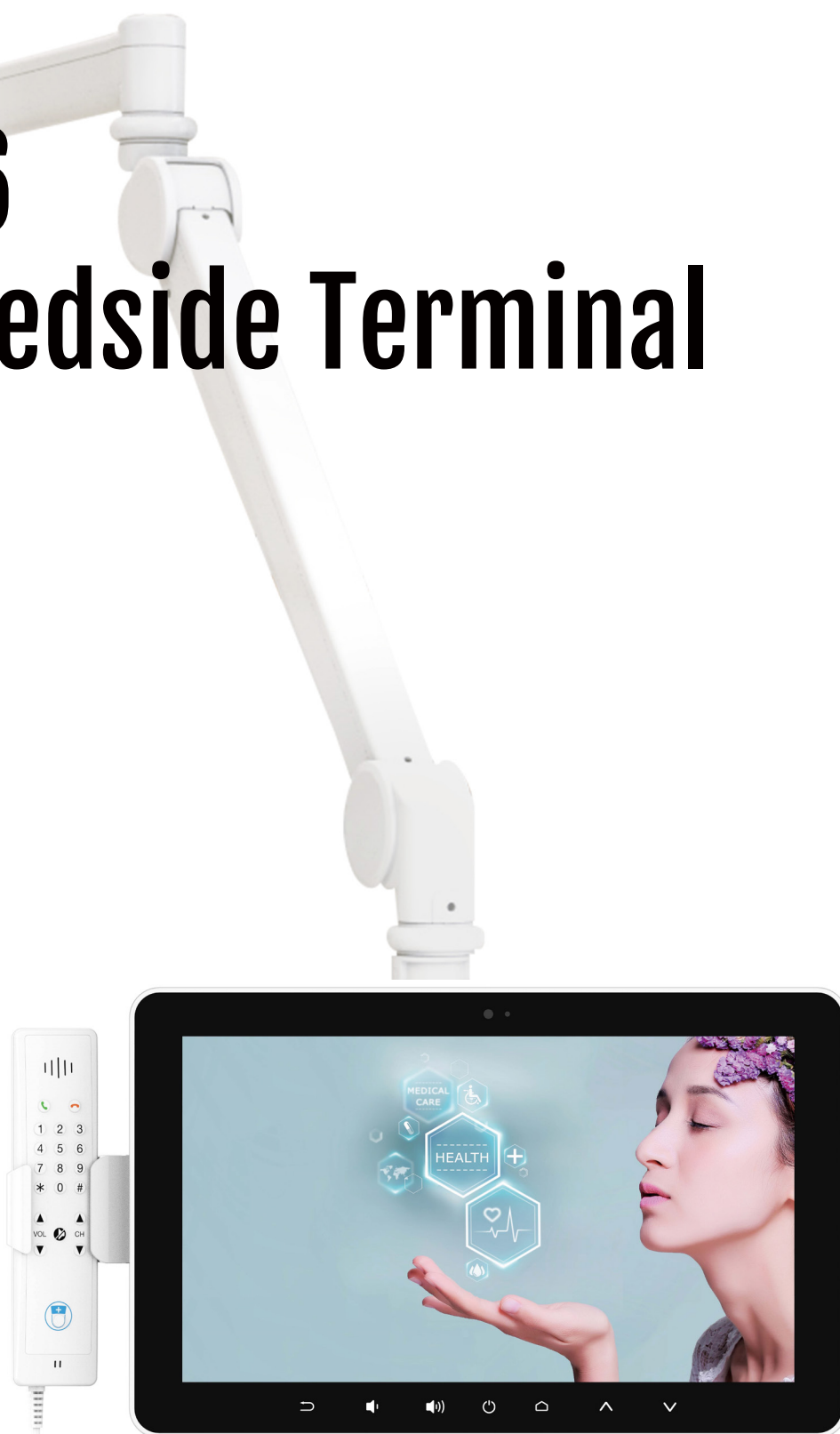**Smart Terminal**

MT1566
Smart Bedside Terminal

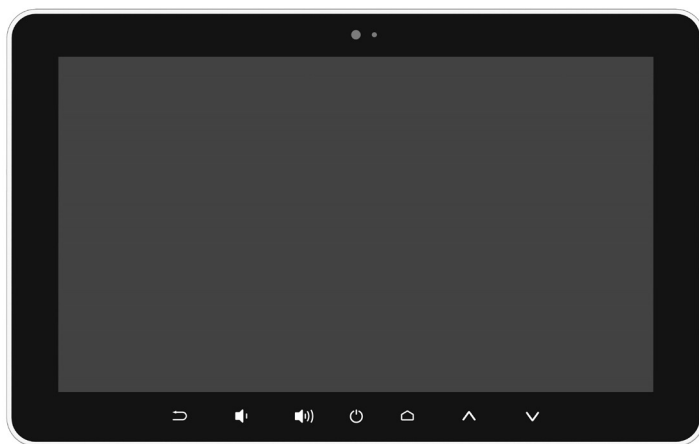# MT1566 Smart Bedside Terminal

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 the patients. Waysion offers its intelligent Computing Terminal- MT1566. MT1566 bedside smart terminal is an easy-to-use touch-screen device that has been specially designed for hospitals and the clinical environment. It provides patient with a quantum leap of entertainment, communication, self-service and education options. It equips a 15.6" IPS LCD screen with a 10-point touchscreen, latest powerful processor RK3399, USB host, OTG, extended storage, and a front camera, extended functions like a TV tuner, RFID and Barcode reader with a USB dongle, HDMI, USB-Type C. 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

MT1566 comprehensively covers all the modern features in one device. It incorporates a high-quality LCD display, touchscreen, powerful processor, 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 Built-in 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 MT1566.

Optimized Computing Performance

MT1566 equips with high-performance Rockchip 3399 Quad-core processor which provides blazing speed and optimized computing performance.

Embedded with the best mobile operating system

MT1566 features Android 12 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 Waysion's experienced technical team

For more information, visit https://www.saintwaytech.com/

MT1566 Smart Bedside Terminal

SAINTWAY

Specification

Core

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

Display

LCD panel	15.6-inch IPS, LED backlight
Resolutions	1920 x 1080
Brightness	300cd/m^2
Contrast Ratio	1000:1
View Angle (°)	85/85(L/R), 85/85(U/D)
Touch panel	Sensitive 10-point capacitive touch screen

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
Speaker	8Ω/3W x 2
Microphone	Internal microphone

User Interface

Terminal back interface	DC IN x1
	RJ11x1
	USB HOST 2.0 x1
	RJ45 (10/100/1000M+POE+) x 1 (Optional UPOE)
Terminal bottom interface	HDMI IN x1
	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 option
Function Key	Power, Vol+, Vol-, Channel+, Channel-Home, Return

Button

Touch button	Power, Vol+, Vol-, Down, Return, Home

Other Functions

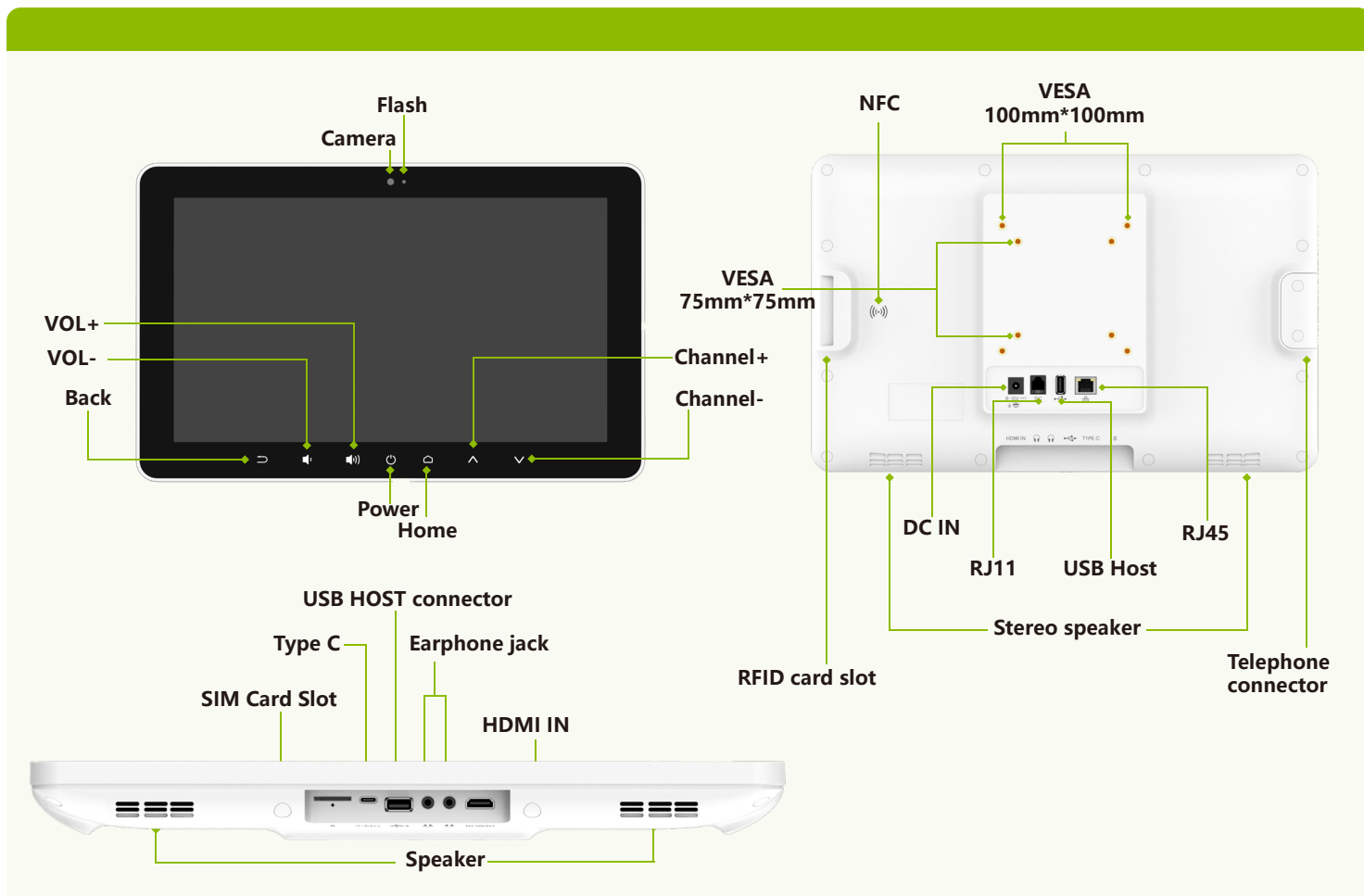| Camera	13MP CMOS front camera
G-sensor	Built in
RTC Battery	CR2032
Hard disk	Support SSD hard disk (optional)
Digital TV	Support ATSC, DVB-T2, ISDB-T (optional)

Power Supply

DC In	12V DC (9-36V)

Environment

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

Mechanical

Dimensions	405(L) X254(W) x 41(H) mm
Weight	1.98KG (Excluding Handset)
Mounting	VESA 75 x 75/100 x 100(mm)
Certification	CE, UKCA

Accessories

Standard	Power adaptor
Optional	Handset

MT1566 Smart Bedside Terminal

SAINTWAY

Interface

Flash
Camera

VOL+
VOL-
Back

Channel+
Channel-

Power
Home

NFC
VESA 100mm*100mm
VESA 75mm*75mm

DC IN
RJ11
USB Host
RJ45

Stereo speaker

RFID card slot

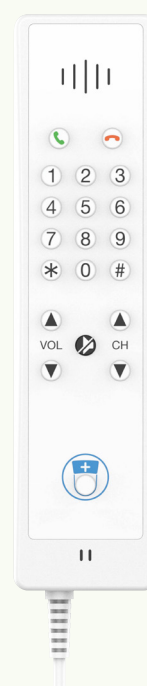Telephone connector

USB HOST connector
Type C
Earphone jack
SIM Card Slot
HDMI IN

Speaker

Accessories

DC ADAPTOR

Handset

VOL   CH

Nurse Call