AIMedik

Bedside
Infotainment Terminal

Support Gloves Touch | 16MP Front Camera | Anti-bacterial Housing | Android 13

VESA

IEC60601-1 | EN60601-1 | ISO22196

MT21 Model No.

ES France - Mobilité & Systèmes Embarqués
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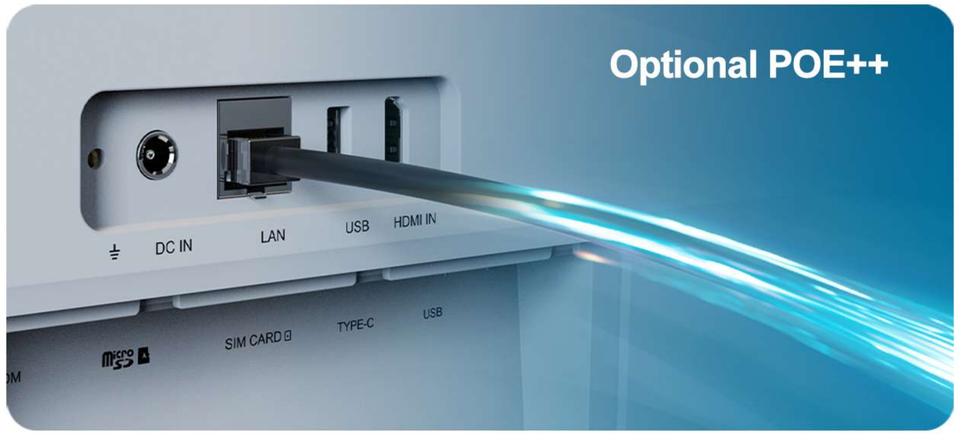

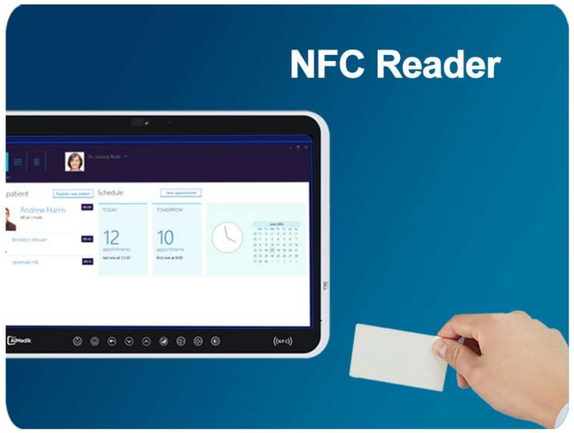

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SUPPORT GLOVES TOUCH
TELECONSULTATION
ANTI-BACTERIAL HOUSING

The bedside infotainment terminal is designed for the hospital and clinical environment. Considering its special usage environment, the terminal is equipped with an IPS LCD panel, a special 10-point capacitive touchscreen with anti-bacterial, antivirus, anti-alcohol wipe and supporting gloves touch, anti-bacterial plastic housing and healthcare certified components.

- 21.5 inch 1920x1080 IPS LCD
- 10-point capacitive touch screen with anti-bacterial, antivirus, anti-alcohol wipe and supporting gloves touch
- High-performance Qualcomm processor (ARM KryoTM260 processor, Octa-core 64bit)
- Optional handset for service call, key button and remote control
- Built-in 16MP CMOS camera
- Optional Power over Ethernet, supporting PoE++
- Wi-Fi and Bluetooth 5.0
- Optional 4G Cellular Network
- Optional NFC/RFID reader

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SUPPORT
GLOVES TOUCH

The touch screen panel supports medical staff to operate with wet hands or a wide range of gloves, such as medical rubber gloves, latex gloves, PVC gloves and cotton gloves. No need to remove your gloves.

IP 65
RATING

The front panel of the device complies with IP65 rating, making it easy to clean with anti-bacterial detergent to maintain hygiene and to prevent the screen pollution.

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TELECONSULTATION

With a 16MP front camera, patients can use this device to have a live meeting with doctors. It allows the doctors to keep track of the patients' condition even if they are not stay with patients. And the slidable camera cover can protect patients' privacy.

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PROJECTION

To keep the entertainment versatile, this bedside infotainment terminal gives the mobile phone a wireless method of video transmission. Project the screen to switch to a larger screen and enjoy more viewing pleasure. It can also be used to connect other mobile devices via HDMI.

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ANTI-BACTERIAL
PANEL & HOUSING

The exterior made with special materials can effectively resist bacterial residue and reduce the risk of cross-infection.

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NFC READER

Users can use their IC or ID cards with the NFC function.

COMMUNICATE

Communicate directly by using the handset on the device.

FOLDING STAND

The folding stand provides multi-angle adjustments and is securely fastened to keep it stable.

READING LIGHT

Adjustable reading light has 6 brightness levels, helping users continue what they are doing.

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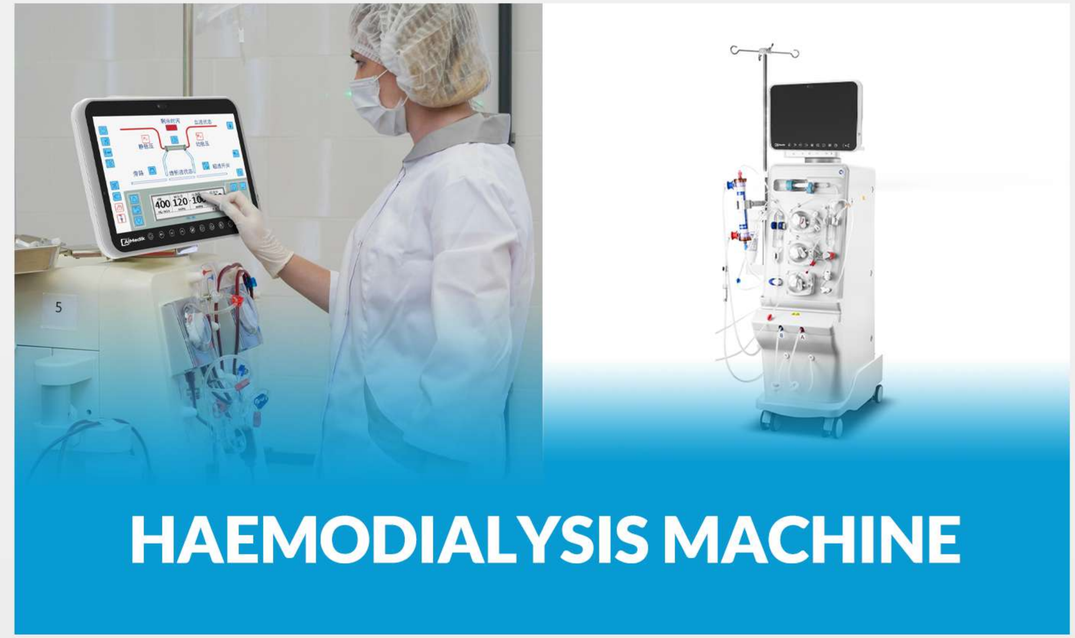

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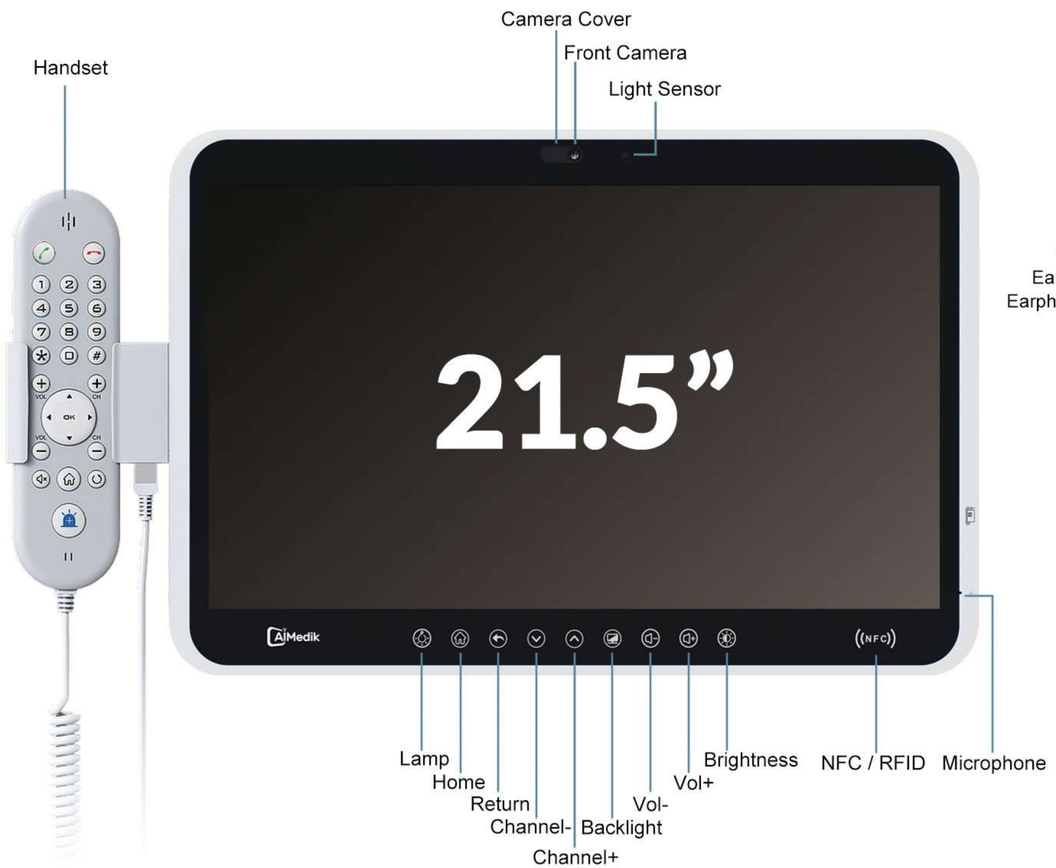
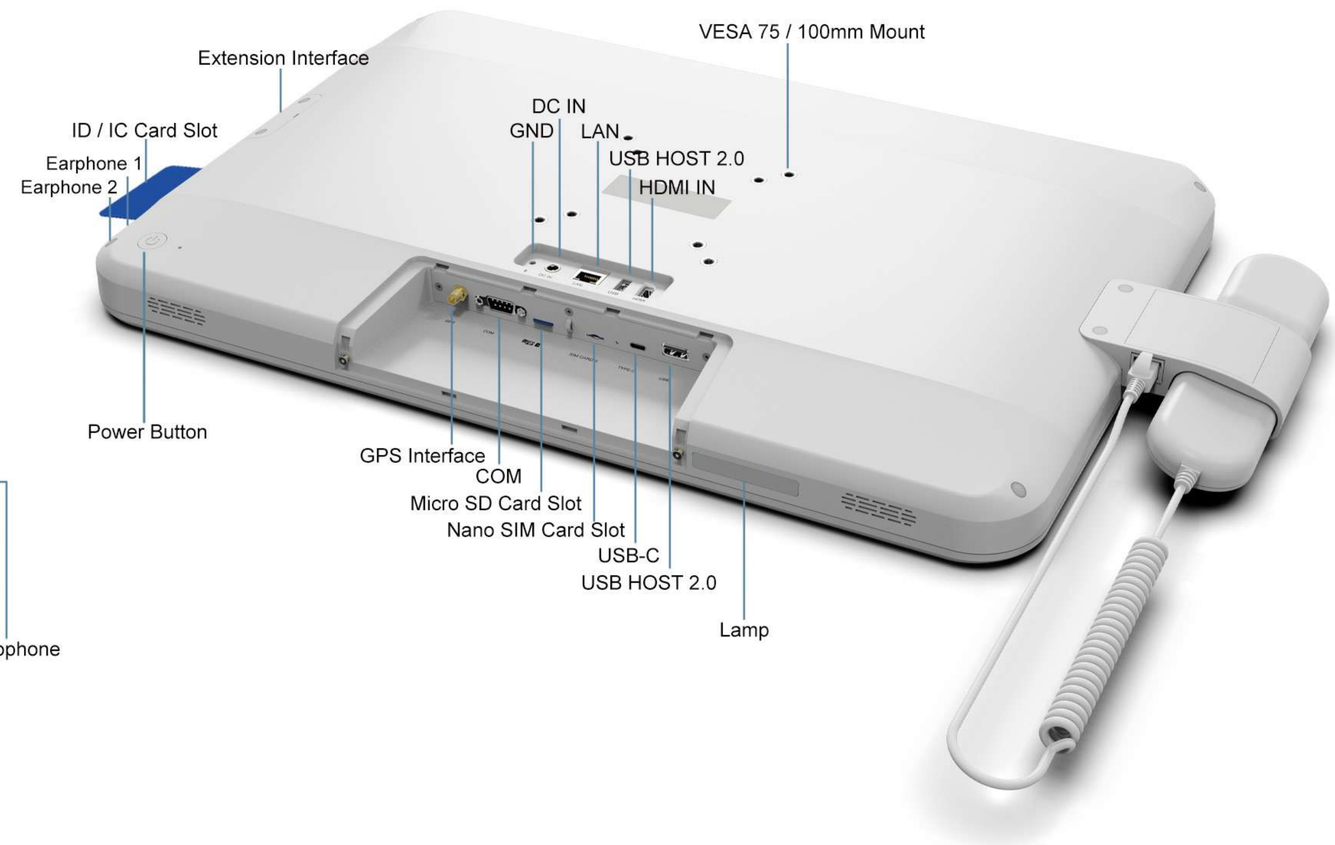
STRUCTURE | MT21





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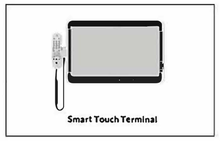
SPECIFICATIONS-MT21

SYSTEM	Processor	Qualcomm ARM KryoTM260 processor, Octa-core 64bit
	Graphic	Adreno TM 610
	RAM	4G DDR4 (default) / 8GB (optional)
	ROM	64G UFS (default) / 128GB (optional)
	OS	Android 13
	Video	Encoding: 4K@30fps, H.264/VP8; Decoding: 4K@30fps, H.264/VP8/VP9, 1080p@30fps, MPEG-2
	Audio	EVRC, EVRC-B, EVRC-WB, G.711, G.729A/AB, GSM-FR, GSM-EFR, GSM-H, AMR-NB, AMR-WB, AMR-eAMR, AMR-BeAMR
DISPLAY	Resolutions	1920(H)×1080(V)
	LCD Panel	21.5”, IPS
	Brightness	500cd/m²
	Contrast Ratio	1000:1
	View Angle(°)	89/89(L/R), 89/89(U/D)
	Touch Panel	Sensitive 10-point capacitive touch screen
FUNCTION	WiFi	IEEE 802.11 a/b/g/n/ac 2.4/5GHz
	Bluetooth	Bluetooth 5.0
	3G/4G	Support (optional)
	RFID	Combo smart card reader & Mifare RFID (optional)
	Camera	16MP CMOS front camera
	Handset	Full-function handset with remote control (optional)
	Speaker	6Ω/2W × 2
	Sensor	Light Sensor
	Function Key	Brightness, Home, Return, Channel-, Channel+, Backlight, Vol-, Vol+, Lamp
INTERFACE	I/O Ports	Earphone Jack × 2
		Handset Jack × 1
		USB HOST 2.0 × 2
		USB-C × 1
		Micro SD Card Slot × 1
		Nano SIM Card Slot × 1
		HDMI In × 1
		RS232 × 1
		Internal Microphone × 1
		RJ45 100M × 1 (POE++, 60W, optional)
		GPS × 1 (Optional)
OTHER	Power Consumption	≤28W
	DC In	9-36V DC
	Operating Temp.	0°C to +50°C
	Storage Temp.	-20°C to +60°C
	Dimensions(LWD)	533.9 × 349.4 × 45.5 mm
	Weight	4.6kg (without handset); 5.1kg (with handset)
	Certifications	IEC 60601-1,EN 60601-1,CE,FCC, ISO 22196

ACCESSORIES

12V 5A
Power Adapter



User Manual Card

Handset (optional)

GPS Antenna
(optional)

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