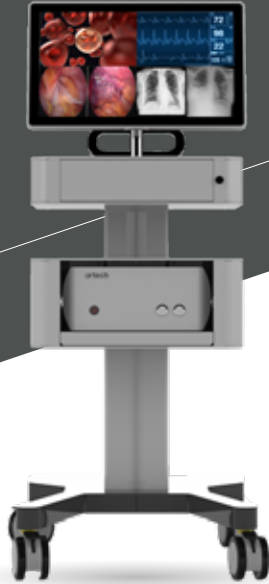# TELEMEDICINE CART

OR INTEGRATION SYSTEM
DIGITAL NEGATOSCOPE &
TELEMEDICINE SYSTEM

artech
art of technology

Scan the QR code
for detailed information.

Artech Mobile Telemedicine System enhances workflow efficiency, patient safety, and surgical performance in operating rooms by integrating data, video, and imaging. Its portable design makes it adaptable to all operating rooms. The compact, ergonomic, and easily movable design allows it to be transported from one operating room to another and positioned wherever needed within the operating room. During surgery, it provides quick and easy access to surgical procedures, PACS images, and all necessary medical information, offering surgeons a comfortable working environment.

KEY FEATURES

- **Portable Design:** Compact and ergonomic, easy to transport and position within the operating room.
- **Advanced Imaging and Integration:** Provides access to PACS images, surgical procedures, and real-time medical information. Full integration with all devices in the operating room.
- **Antibacterial Material:** Suitable for general hospital and operating room hygiene.
- **Local Software:** Uses software developed by Çizgi Teknoloji engineers.
- **CE Certified Products:** Complies with 2017/745 MDR Medical Device Regulation and IEC-60601 medical device electrical and safety standards.
- **Consultation Feature:** Allows for consultations with specialists outside the operating room during surgery.
- **Digital Process Tracking:** Tracks the process with a digital checklist before, during, and after the operation.
- **User-Friendly Interface:** Enhances focus on the patient, increasing the accuracy and success rates of surgeries.
- **Educational and Conference Archives:** Creates hospital archives for educational and conference purposes.
- **High-Resolution Screen:** Medical-grade, high-resolution 21" screen and body.

TECHNICAL SPECIFICATIONS

ORDER CODE

CPU	:	İ7 8700
PSU	:	AC220
Optical Drive	:	DVD-RW
RAM	:	R16
HDD	:	2TB HDD / SSD256
Wifi	:	802.11 b / g / AC
DICOM Viewer	:	DICOM Preset
RFID Reader	:	N.A
Barcode Reader	:	N.A

SYSTEM

CPU	:	Intel® Icore i7 8700
Cache	:	12 mb
Memory	:	1 x DDR4 SoDIMM 16 GB 2400MHZ
Video RAM	:	Intel® UHD 630 Graphics
Chipset	:	Intel® H310
System Fan	:	Slim Radial Fan

INPUT/OUTPUT

Capture Card	:	HDMI Analog svideo
Serial Port	:	(1 x RS-232/422/485, 1 x RS-232)
USB Port	:	4 x USB 2.0 , 4 x USB 3.0
LAN	:	2 x LAN Intel® I217V Ethernet
Keyboard	:	Integrated Antibacterial Turkish Keyboard
Mouse	:	Integrated Antibacterial Mouse
Optical Drive	:	DVD-RW
Wireless LAN	:	802.11 b / g / AC
Audio	:	Line in & out (AC'97 codec audio)
Expansion Slot	:	PCIe/MiniPCIe

DATA STORAGE

HDD / Type	:	Vibration Resistant Slot 2.5" (2 TB HDD)
SSD	:	256 GB

FEED

Input	:	220VAC

LCD SCREEN

Type and Size	:	24" / 16:9
Max. Resolution	:	1920x1200
Pixel Pitch	:	0.270mm x 0.270mm
Max Color	:	1.07M
Brightness	:	900 nits
Contrast Ratio	:	4000/1
Viewing Angle	:	160°(H),160°(V)
Back Light MTBF	:	50,000 Hours
Touch Screen	:	N.A

EXTRA VIDEO OUTPUT

Type	:	2xDP/1xVGA/HDMI
Max. Resolution	:	VGA/HDMI(1920x1080) , DP(4096X2304)

MECHANICAL & ENVIRONMENTAL FEATURES

Working Temp.	:	0~60℃
Storage Humidity	:	5~95% (Non-Condensing)
Case	:	Metal Case
Weight	:	Variable according to screen size
Dimensions	:	Variable according to screen size
Mounting	:	Built-in
Glass	:	Custom Built-in Glass

OUTPUT

Screen Outputs	:	2 x SDI In/Out + 1 x DP 2 x DVI 1 x VGA + S-Video In/Out + CVBS In/Out + CVBS In/Out YPbPr / XsRGB In/Out