GP-446

OR INTEGRATION SYSTEM
OR CONSOLE
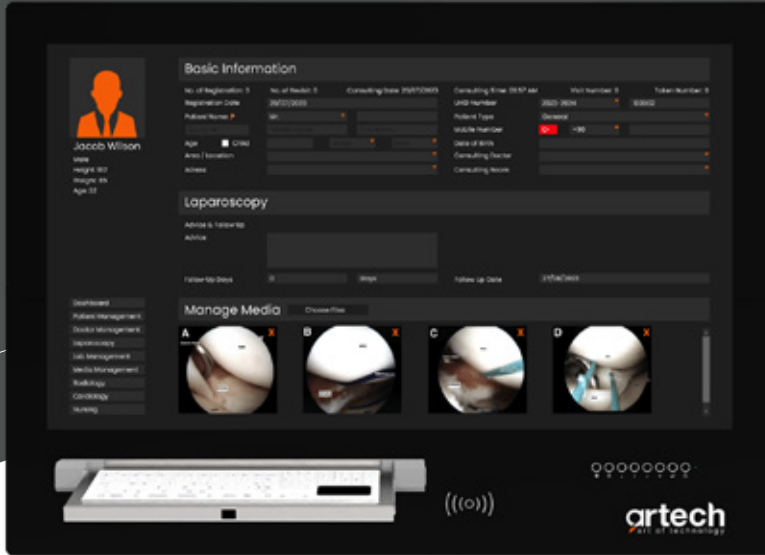
Scan the QR code
for detailed information.

Artech Operating Room Console is a computer designed in accordance with sterile environment conditions that enables healthcare personnel to quickly access retrospective procedures and current information of patients. With its 46" wide screen, it offers clear, detailed and high quality viewing in the operating room environment. Compatible with your existing technology network and software, this computer can also be configured for your future applications.

KEY FEATURES

- **Access to Patient Information with HIS:** Provides quick access to patient information through the Hospital
- Information Management System (HIS).
- **46" Wide Screen:** Provides clear, detailed and high quality imaging in the operating room environment.
- **Operating Room Record Keeping:** Securely keeps operating room records.
- **Barcode Reader:** Enables fast and accurate data entry.
- **RFID Reader:** Tracks personnel and consumables using RFID technology.
- **IP65 Front Panel Protection:** Easy to disinfect, suitable for sterile environments.
- **Antibacterial Q Keyboard and Touchpad:** Hygienic and user-friendly.

REGULATORY COMPLIANCE

- Complies with 2017/745 Medical Device Regulation
- IEC-60601 standards for medical electrical equipment safety and electromagnetic compatibility.

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

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)
Parallel Port	: N.A.
USB Port	: 4 x USB 2.0 , 4 x USB 3.0
KB / MS	: N.A.
LAN	: 2 x LAN Intel® I217V Ethernet
Keyboard	: Integrated Antibacterial Keyboard
Mouse	: Integrated Antibacterial Mouse
Optical Drive	: DVD-RW Optical Driver
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	: 46" / 16:9 / DICOM Preset (Optional)
Max. Resolution	: 1920 x 1080
Pixel Pitch	: 0.53025mm x 0.053025mm
Max Color	: 1073.7 M
Brightness	: 700 nits
Contrast Ratio	: 4000/1
Viewing Angle	: 178°(H),178°(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	: Heavy-Duty Metal Case
Front Frame	: Custom Built-in Glass
Weight	: Variable According to Screen Size
Dimensions	: Variable According to Screen Size
Mounting	: Built-in