ORC-421

OPERATING ROOM CONTROL PANEL

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For detailed information please scan the QR code.

Artech Operating Room Control Panel; Operating room air conditioning (HVAC) systems, isolation transformer, operating room lighting, negatoscope, music broadcast, clock, and stopwatch can control via a single panel in the operating room. It is a system that allows monitoring of operating room environment information such as temperature, humidity, pressure, HEPA filter pollution and related warning and malfunction situations.

To provide the most suitable working conditions required for the operating rooms, you can easily control the lighting, operation, and sound-music systems in the operating room on the touch screen with the Artech Operating Room Control Panel, record the changes report them.

FEATURES;

- 21 " Touchscreen, Color TFT Screen that Provides Remote View and Control
- Humidity Control with Digital Hygrometer, Low and High Humidity Warning
- Digital Room Differential Pressure Indicator and Pressure Control, Low and High-Pressure Warning
- Digital Hepa Filter Pollution Indicator
- Digital Thermometer, Temperature Control, Low and High-Temperature Warning
- Trend Graph Showing the Change of Separate Set and Actual Values over Time for Temperature, Humidity, Ambient Pressure,
- Hepa Filter Differential PressureEconomic Standby Mode (Half-Speed Control to Air Handling Unit)
- Shut-off Half Damper Control
- Anesthetic Gas Purge Control
- Central Medical Gas Alarm System
- On / Off Four Separate Armature Groups, Separate Dimmer Function for Each Group
- Turning On-Off Three Separate Operation Lamps, Separate Dimmer Function for Each Group
- Handsfree Video and Voice Calling Feature
- Parameter Record and Report Feature
- Operating Systems, Sound and Music System Control and Command Feature
- Control and Reporting Feature of Digital Negatoscope and Radiology Monitor
- Digital Clock and Digital Stopwatch
- Password Access to Definable User Levels, Setting and Control Functions
- Isolation Transformer Isolation Leakage, Temperature and Current Limit Warning, Audible Alarm at Limit Exceeds

TECHNICAL SPECIFICATIONS

ORDER CODE

CPU	: J6412
PSU	: 220VAC
RAM	: R4
HDD	: 64 GB
Wi-Fi	: Optional

SYSTEM

CPU	: Intel® Celeron® Processor J6412
Cache	: 2nd Level Depends on CPU
Memory	: 2 x DDR3 SoDIMM Max. 4GB
Video RAM	: Max. 128 MB Shared Memory
Chipset	: Intel® Soc
Watchdog Timer	: 255 Level Reset
System Fan	: N.A

INPUT/OUTPUT

Serial Port	: 3 x RS-232 Ports
Parallel Port	: SPP/EPP/ECP (Optional)
USB Port	: 4 x USB 2.0
LAN	: 2 x LAN Realtek Gigabit Ethernet
Wireless LAN	: 802.11 b / g / AC (Optional)
Audio	: Line In & Out (AC'97 Codec Audio)
Expansion Slot	: PCI, MiniPCIe
Barcode Reader	: N.A
Mouse	: 1 x PS2 Mouse
Keyboard	: 1 x PS2 K/B

DATA STORAGE

HDD Type	: Vibration Resistant 2.5" (500 GB HDD)
HDD Storage	: 64 GB

FEED

Input	: 220VAC
Adapter	: N.A.

LCD SCREEN

Type / Size	: 21" / 16:9
Max. Resolution	: 1920X1080
Pixel Pitch	: 0.270mm x 0.270mm
Max. Color	: 1.07 M
Brightness	: 350cd
Contrast Ratio	: 1000/1
Viewing Angle	: 160º(H),160º(V)
Back Light MTBF	: 50,000 Hours
Touch Screen	: 21" Touch-Resistive

EXTRA VIDEO OUTPUT

Type:	: HDMI/VGA
Max. Resolution	: 1920x1080

MECHANICAL & ENVIRONMENTAL FEATURES

Working Temp.	: 0~60℃
Storage Humidity	: 5~95% (Non-Condensing)
Case	: Heavy Duty Metal Case
Front Frame	: Special Inset Glass
Weight	: Variable According to Screen Size
Dimensions	: Variable According to Screen Size
Mounting	: In Wall - Flush Mount