



# OR Integration System Operating Room Control Panel



**Area of Usage**  
OPERATING ROOM



## ORC-421

A CureVision Operating Room Control Panel allows you to manage the operating room's air conditioning (HVAC) system, isolation transformer, operating room lighting, negatoscope, and music broadcast from a single touch screen. As part of the system, operating room conditions such as temperature, humidity, pressure, and HEPA filter pollution are also monitored. With the CureVision Operating Room Control Panel, you can control the lighting, operation, and sound-music systems to provide the operating room with the most appropriate working conditions. Moreover, it is also possible to document and summarize the changes that have been made.

### Features

- Providing remote viewing and control through a 21-inch touchscreen, color TFT display
- Control of humidity with digital hygrometer, and warnings of low and high humidity
- A digital room differential pressure indicator and pressure control with a warning for low and high pressures
- Indicator of hepa filter status
- Temperature control, low and high temperature warning, digital thermometer
- Temperature, humidity, ambient pressure, hepa filter differential pressure trend graph showing the change over time of separate sets and actual values
- Archiving parameters and trend graphic feature
- Economic standby mode (half-speed control of the air handling unit)
- Half-damper shut-off control
- Control of anesthetic gas purging
- Control and operation of the operation lamp and table
- On / Off four separate armature groups, separate dimmer function for each group
- Handsfree video intercom feature
- Operating room audio and music system control feature
- Digital clock displaying date and time and digital stopwatch
- Password access to definable user levels, setting and control functions
- Integration of isolation power system (leakage, temperature and current limit warning, audible alarm when limit exceeds)
- Integration of medical gas alarm system (gas pressure levels and alarms)
- Integration of BMS (HVAC control)



## ORDER CODE

CPU	: J6412
Feed	: 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 Slot
HDD Storage	: 64 GB

## POWER

Input	: 220VAC
Adapter	: N.A.

## LCD SCREEN

Size / Type	: 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	: 160°(H),160°(V)
Back Light MTBF	: 50,000 Hours
Touch Screen	: 21" Touch-Resistive

## VIDEO OUTPUT

Type	: HDMI/VGA
Max. Resolution	: 1920x1080

## ENVIRONMENTAL FEATURES

Working Temp	: 0 ~ 60°C
Storage Humidity	: 5 ~ 95% (non-condensing)
Case	: Heavy Duty Metal Stainless Steel Case
Front Frame	: Tempered Built-In Glass
Weight	: Variable According to Monitor Size
Dimensions	: Variable According to Monitor Size
Mounting	: In Wall - Flush Mount

