



TV2-204-PRT 2 Operating Room package Shown w, temp/rh & Differential Air Pressure Sensors, USB Wall Charger & Sensor Cable

## Operating Room Monitoring ... Made Simple!

TV2-204-P | Complete 1-Room Monitoring Package

Operating rooms, cleanrooms and other critical environments require the maintaining and monitoring of differential air pressure to comply with regulations and ensure safety. The TV2 Monitor does all that and more: It monitors, logs, charts and alarms. It provides ultimate peace of mind by continuously reading and logging differential air pressure, temperature and relative humidity (RH). The display is color coded to immediately alert personnel anytime conditions become unsafe. Also users are immediately alerted via email and SMS and local alarms when the unsafe condition lasts for too long. An easy-to-use touchscreen panel makes setup and administration a breeze.

The TV2 can be installed with minimal effort in new construction existing facilities. All conditions are constantly logged to the TV2 monitor and are accessible by any computer on the same network. A BACnet interface is also available as an option. The logged data is protected by a 72-hour internal backup battery which continues all functions even when the power is out. Each environmental variable changes color when that condition becomes unfavorable. The wired sensors can be mounted remotely from the monitor. Options include Ethernet, WiFi, PoE, BACnet interface, phone call autodials. Free secure software interfaces with the monitor for remote real time monitoring.

## Features & Benefits

- Environmental monitoring: Temperature -20° to 80° (±0.3°C). Humidity 1% to 99% (±3%). Differential pressure ±0.5"wg (±0.002"wg).
- Compliance: Exceeds ISO14644 requirements cleanrooms.
- Accessibility: Local and remote real-time readouts. Receive SMS & email alerts for adverse environmental conditions.
- Installation: Monitor can be installed and set up without specialized training. Set-up can be completely done on the monitor itself.
- Programming: User-programmable. Touchscreen interface can be locked
- Mounting: Monitor can be mounted as panel mount (flush to the wall surface), as a box mount on solid core walls with Velcro, or inside the optional heavy-duty industrial instrument case.
- Fees: No ongoing maintenance fees or monthly software service costs. The included software is free for life.
- Traceability: Sensors come with a 2-year NIST-traceable certificate.
- Flexibility: Wired sensors with ample cord length
- Power: Power from wall socket ~100 – 240vac with POE option.

Displays color-coded alerts for unsafe conditions.

## Vertical Markets

- Healthcare
- Scientific
- Industrial
- Research
- Pharmaceutical
- Manufacturing

For additional product information, instructional videos, system planning and software usage visit: [www.e2di.com](http://www.e2di.com)

Meets or exceeds the following compliance guidelines and requirements:

ISO14644

USP <797>

USP <800>

JCAHO

CDC/VFC

## TV2-204PRT [Operating Room Monitor Package] Contents:

- (Qty. 1) Panel mount (flush mount) TV2 Touchscreen display (White or Black)
- (Qty. 1) USB Wall Charger / Data Cable
- (Qty. 2) Temperature/RH Sensor
- (Qty. 2) Differential Air Pressure Sensor

Package Contents Image	Content Description
Core Package	
	<p>**Panel Mount Display (Black)   Logs all data locally   72-hr internal rechargeable battery   Power out, high, low alarms   Text/email alerts for all alarms   Wired Ethernet connection   120-240 vac   External N/O dry contact relay   8" x 7.5" x 1"</p>
	<p>**Panel Mount Display (White)   Logs all data locally   72-hr internal rechargeable battery   Power out, high, low alarms   Text/email alerts for all alarms   Wired Ethernet connection   120-240 vac   External N/O dry contact relay   10" x 7.5" x 1.25"</p>
	<p>Wired Differential Pressure Sensor WDP2   2-yr NIST traceable certificate.   25-foot connecting wire   Measures 2"x2"x1"   Two 24" clear plastic tubes   Two flush mount ports   Calibration data stored on sensor   [(2) included]</p>
	<p>Wired Temperature/humidity Sensor TSMRH   2-yr NIST traceable certificate   25-foot connecting wire   Measures 2"x2"x1"   Calibration data stored on sensor   [(2) included]</p>
<p><i>**Package includes (1) TV2 Monitor in choice of colors White/Black Panel Mount</i></p>	
Optional Accessories	
	<p>Case Mount   Weight: 3.7280 lbs/each   Height: 12"   Width: 12"   Color: Gary   Material(s): Plastic   Application: Secure power boxes, security devices, and more in a debris-free environment.   Knockout Size(s): 1/2" and 3/4"   Trade Size: 12" x 12" x 4"   Suitable for panel mounted TV2   **TV2 is not mounted unless specifically requested.</p>
	<p>Box Mount.   Dimensions: 8 3/8" x 5" x 1 3/8"   Industrial Velcro fasteners included   Color: Antique White</p>
	<p>Strobe-Siren   Operating Voltage: 6-15vdc. Wired with 120vac power supply   Sound Output: 105db @ 12vdc   Current Draw: 180mA @ 12vdc; 90mA at 12vdc strobe only   Dimensions: 2.9" x 4.8" x 1.7"   Color: Ivory body with blue strobe   Material: UB-resistant, high impact polycarbonate plastic   Wiring: Red-positive (strobe &amp; siren); White-positive (strobe only); Brown-common</p>
	<p>50' sensor extension cable for TV2 wired Sensors.   3.5mm slim 4 conductor TRRS male to Female cable   Up to (4) can be daisy-chained together achieving a 200' reach from TV2 Monitor.</p>
	<p>PoE Addon.   Add PoE (Power Over the Internet) capability to any TV2 Monitor   Allows the monitor to be powered without the use if the (included) AC/DC adapter power supply.</p>

Two Dimensional Instruments, LLC

PO BOX 159

Crestwood, KY 40014



Designed, Supported and Assembled in USA