TV2-204-PRT Cleanroom package Shown With Display, temp/rh sensor & Differential Air Pressure Sensor, USB Wall Charger & Sensor Cable

Critical Environment Monitoring ... Made Simple!

TV2-204-PRT | Complete 2-Room Monitoring Package

Cleanrooms and other critical environments require the maintaining and monitoring of differential air pressure to comply with regulations and ensure safety. The TV2 Cleanroom Monitor does all that and more: It monitors, logs, charts and alarms. It provides ultimate peace of mind by continuously reading differential air pressure, temperature and relative humidity (RH). Users are immediately alerted via email and SMS and local alarms when conditions are not within desired threshold limits. An easy-to-use touchscreen panel makes setup and administration a breeze.

The TV2 can be installed with minimal effort in new construction, modular cleanrooms or existing cleanrooms. All conditions are constantly logged to the TV2. 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 or wireless sensors can be mounted remotely from the monitor. Options include Ethernet, WiFi, PoE, phone call alerts. 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 (±0.007"wg).
- **Compliance:** Exceeds ISO14644 requirement for cleanrooms.
- **Accessibility:** Also monitor remotely from another PC on the same LAN, 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 by admins. Displays color-coded alerts for unsafe conditions.

- **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, or wirelessly with 9vdc battery powered wireless sensors.
- **Power:** Power from wall socket ~100 – 240vac with POE option.

Vertical Markets

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

For additional product information, instructional videos, system planning and software usage visit: **www.e2di.com**

Meets or exceeds the following compliance guidelines and requirements:

ISO14644	USP <797>	USP <800>	JCAHO	CDC/VFC

TV2-204PRT [Cleanroom Monitor Package] Contents:

- (Qty. 1) Panel mount (flush mount) TV2 Touchscreen display (White/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

	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"
	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"
	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]**
	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]**

**Package includes (1) TV2 Monitor in choice of colors White/Black Panel Mount

Optional Accessories

	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.
	Box Mount.	Dimensions: 8 3/8" x 5" x 1 3/8"	Industrial Velcro fasteners included	Color: Antique White
	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 & siren); White-positive (strobe only); Brown-common
	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.
	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.