

Det-Tronics® Releases Versatile Display/Communicator for Gas Detectors FlexVu® Universal Display reduces spares inventory and simplifies operation.



The new Det-Tronics FlexVu display (shown here with the recently released GT3000 toxic gas detector) is a life-safety display unit that provides non-intrusive calibration, local event logging, and third party performance certifications.

The FlexVu® Universal Display, from Detector Electronics Corporation (Det-Tronics), is a life-safety display/communicator that provides non-intrusive calibration, local event logging, and third-party performance certifications (<http://flexvu.det-tronics.com>). This display/communicator reduces spare-parts inventory by working with a wide spectrum of toxic and combustible gas sensors and by operating with industrial communication protocols such as HART® and Modbus.

Because the FlexVu Universal Display provides non-intrusive magnetic calibration and configuration, a single person working alone can calibrate gas detectors without declassifying a hazardous area. In addition, the FlexVu display has been third-party performance tested and certified to FM, CSA, and ATEX/IEC. Its reliable construction has an explosion-proof rating and is approved for use in Class I, Division 1, Groups A, B, C, and D classified hazardous areas for all gas types.

"The FlexVu intuitive menu structure simplifies operation by enabling quick device set up and easy access to sensor status information including local alarm and event logs," said Mike Bragg, Product Marketing Manager at Det-Tronics. "Plus users will like the backlit, heated LCD that clearly displays gas concentration, and alarm and fault status."

Taking advantage of its flexible installation options, users can couple the FlexVu display directly to a single sensor or place it remotely using a sensor termination box. Outputs include analog 4-20 mA with HART, three alarm relays, one fault relay, and RS-485 Modbus. In its current release, the FlexVu UD10 display operates with the following Det-Tronics gas detectors/sensors (additional gas and flame detectors will soon be added):

Combustible gases

- PointWatch IR (PIR9400)
- PointWatch Eclipse® IR (PIRECL)
- Open Path Eclipse IR (OPECL)
- Catalytic Combustible Sensor (CGS) via the 505 transmitter

Toxic gases

- Nanotechnology Metal Oxide Semiconductor (NTMOS) hydrogen sulfide sensor
- Electrochemical sensors (C706x Series and GT3000)

Simplify Gas Detection



*interactive display
for all types of
gas detection*

*non-intrusive
calibration via
simple menu
structure*

*third-party tested
to performance
standards*



FlexVu®
**Universal
Display**

About Detector Electronics

Detector Electronics Corporation (Det-Tronics) is a world leader in industrial fire detection, gas detection, and hazard mitigation systems. Det-Tronics designs, builds, tests, and commissions safety systems that range from conventional panels to fault-tolerant, addressable systems. Det-Tronics flame and gas detectors are globally certified to the latest product approvals standards, including critical SIL2 industrial applications. Learn more at <http://www.det-tronics.com>. Det-Tronics is part of UTC Fire & Security, which provides fire safety and security solutions to more than one million customers around the world.

HMA GROUP OF COMPANIES