

TECTRA™

REDEFINING WHAT'S POSSIBLE IN PERSONAL GAS DETECTION

Safety leaders need gas detection they can trust – without added steps, downtime, or cost. Tectra delivers effortless protection and fleet insight in one scalable platform.



TECTRA™ iX5

PERSONAL GAS DETECTION STARTS WITH THE TECTRA iX5

Wearable, rugged, and reliable, the Tectra™ iX5 delivers ergonomic comfort, hands-free transfers of data, and up to 20 hours runtime—ensuring workers stay protected without disrupting their work.

Engineered for all day wear | Ergonomic, balanced design with multiple clip attachment options, so the monitor stays out of the way and on the job, all shift long

Always be ready to go | Wireless charging eliminates the challenges of dirty or misaligned contacts, so monitors are charged and ready when you need them

Safety that looks out for your team | Man down, SOS, and peer-to-peer alerts help workers respond faster in critical moments, while Tectra's mesh network keeps safety communications going — even in areas where cell and Wi-Fi are not reliable

SAFETY THAT WORKS WITH YOU

One platform with infinite possibilities—Tectra scales easily with your program while streamlining and simplifying operations.



TECTRA iX5 SPECIFICATIONS

INSTRUMENT WARRANTY

4 years | Tectra iX5 Monitor O₂, LEL, CO, and H₂S sensors

EVENT LOGGING

60 alarm events

IP RATING

IP68

HUMIDITY RANGE

15% to 95% non-condensing (continuous)

SENSORS

Combustible gases/methane – CAT Bead

O₂, CO, CO/H₂ low, CO/H₂S, H₂S, NO₂, SO₂ – Electrochemical

WIRELESS CERTIFICATIONS

FCC (US)

ISED (CAN)

CE (Red-EU)

LENS™ 2.0 Wireless Mesh Network

Bluetooth Low Energy (BLE)

Wirepas Massive protocol v5.2

Wireless Updates: Over-the-air firmware upgrades, over-the-air configurations

CERTIFICATIONS

INGRESS PROTECTION IP68

cULus Class I Div 1 Groups A, B, C D T4 ; Class II Div 1 Groups E, F, G

Class I, Zone 0, AEx ia IIC T4 Ga; Class I, Zone 0, AEx da ia IIC T4 Ga, CAT bead LEL sensor

ATEX: {Ex} I M1 / II 1G Ex ia I Ma / Ex ia IIC T4 Ga

{Ex} I M1 / II 1G Ex da ia I Ma / Ex da ia IIC T4 Ga, CAT bead LEL sensor

IECEX: Ex ia IIC T4 Ga

Ex ia I Ma

Ex da ia IIC T4 Ga, CAT bead LEL sensor

Ex da ia I Ma, CAT bead LEL sensor

*Specifications listed above are preliminary and subject to change pending final testing results and approvals

SUPPORTING SAFETY BEYOND THE MONITOR



TECTRA™ DOCK

Scalable up to six cradles, the Tectra Dock can bump instruments in 30 seconds and calibrate in 90 seconds – requiring no ethernet for simple set-up and less IT headaches.



TECTRA™ LINK

Connect using Wi-Fi, cellular, or Ethernet to automatically transfer device data to iNet® Insights, enabling real-time visibility, automated updates, and actionable insights without interrupting workers.



TECTRA™ ANCHOR

Enhance your safety program with precise location awareness when using Tectra™ Anchors, providing up to -3 meter indoor accuracy for incident response and asset management.