

OELD (Bluetooth-enabled Local Display)

The Optima Excel Local Display (OELD) is a smart junction box for the Searchpoint Optima Plus and Searchline Excel infrared detectors for flammable hydrocarbons. In addition to providing a 4-to-20 mA communications bridge between the detector and controller, gas sensor local display includes an LCD screen for readout and status information, a “traffic light” indicator for at-a-glance detector status, and Bluetooth Low Energy (BLE) connectivity for simplified, nonintrusive maintenance. Just pair the OELD with our intrinsically safe, ruggedized smartphone: then use the OELD smartphone app to interact with the gas detector from up to 10 meters away.



Simplified maintenance with familiar smartphone technology.

When you pair a smartphone with OELD smart junction box, you can perform many tasks for your Searchpoint Optima Plus and Searchline Excel detectors wirelessly. Use the OELD mobile app to specify the target gas, configure alarm set points, perform one-man calibrations, access event logs, perform diagnostics, check detector status and more — with no need to go back and forth to the control room, or open the enclosure on your gas detector. That means no hotwork headaches like obtaining permits, declassifying the area or adding more manpower. For detectors in hard-to-reach locations or in a duct, you can position the corresponding OELD smart junction box in an easy-to-access location and use the OELD smartphone app to interact with the detector wirelessly..

At-a-glance visibility.

OELD smart junction box has bright indicator lights visible from a distance, where green indicates normal operation, yellow indicates a fault and red indicates an alarm. The LCD screen provides gas detector local display information, clearly showing real-time readings on detector status, including the gas being monitored, the local gas concentration and units of measurement — so you have easy access to status information..

Gas detection that fits the way you work.

The OELD smartphone app delivers the familiar user experience you expect — combined with gas detection technology designed to keep you safe while making your job easier. It simplifies detector maintenance and is a cost effective way to get even more value from your Searchpoint Optima Plus or Searchline Excel gas detectors.