

SENSCIENT ELDS™

CROSS DUCT (XC) AND (XD) DEVICES

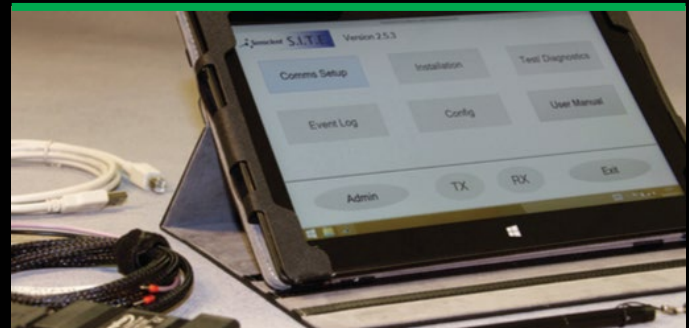
Open path methane (CH₄) gas detectors are used to monitor for fugitive emissions and protect plants from the risk of explosion by detecting leaks faster. These devices are typically mounted onto opposing side walls of ventilation ducting to provide earlier detection and fast activation of HVAC executive actions.



INTERFACE TERMINAL (PC)

Essential for commissioning, event log downloading and fault diagnostics. This industrial PC is suitable for heavy industrial environments and Zone 2 or Class I Div 2 hazardous areas.

- IP 65 RATED, WITH 10.4 INCH TOUCH SCREEN
- MICROSOFT WINDOWS 7 PROFESSIONAL OPERATING SYSTEM
- PRELOADED WITH SENSCIANT S.I.T.E.™ INTERFACE SOFTWARE
- TEAM VIEWER ALLOWING REMOTE SERVICE ACCESS VIA THE INTERNET
- USB TO RS485 INTERFACE CABLE AND PROTECTION FOR HARD WIRED INTERFACE (2M LONG)



INTERFACE TERMINAL (TABLET)

Essential for commissioning, event log downloading and fault diagnostics. This tablet is an alternative to the Industrial PC and is suitable for safe area use only, requiring a hot work permit if operated in hazardous areas.

- 12.3 INCH TOUCH SCREEN, COVER AND INTEGRAL KEY BOARD
- MICROSOFT WINDOWS 10 OPERATING SYSTEM
- PRELOADED WITH SENSCIANT S.I.T.E.™ INTERFACE SOFTWARE
- TEAM VIEWER ALLOWING REMOTE SERVICE ACCESS VIA THE INTERNET
- USB TO RS485 INTERFACE CABLE AND PROTECTION FOR HARD WIRED INTERFACE (2M LONG)

Note: This bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products. Specifications subject to change without notice.

Corporate Headquarters
MSA
1000 Cranberry Woods Dr
Cranberry Township, PA 16066
United States
+1-724-776-8600

Design Center
MSA Poole
F1-2 Arena Business Centre
Holyrood Close
Poole
BH17 7FP
United Kingdom
+44 (0) 1202 606460

Additional locations can be found
on our web site:
www.MSAafety.com



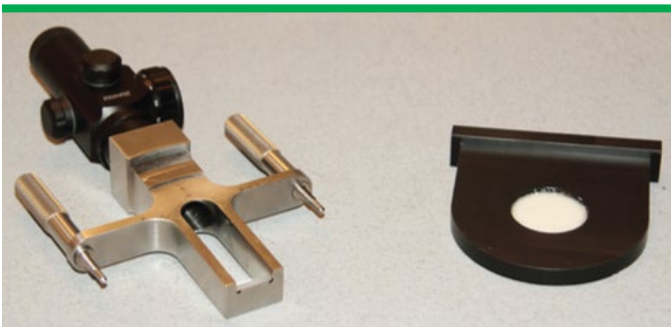
GAS CHALLENGE CELL (OPTIONAL)

All Senscient ELDS™ devices incorporate the patented daily auto testing facility called SimuGas™ negating the need for manual, routine testing, test gas or plastic filters. Where local procedures require testing with target gas this refillable challenge cell can be filled with an appropriate concentration of test gas and positioned into the optical path external to the duct work.



ALIGNMENT ADJUSTMENT BUSHINGS

Recommended for HVAC duct work that may not have parallel facing side walls or duct walls that may distort after the detection assembly has been fitted. Each kit includes two solid elastomer bushes that are fitted between a transmitter or receiver and its corresponding mounting plate. Compression of the bush via mounting bolts supplied, provides additional angular alignment.



RED DOT ALIGNMENT SIGHT & TARGET

This LED based, alignment sight and target comes complete with transit case. Fits into XC/XD gas challenge cell access slots, aiding optical alignment of transmitter and receiver during commissioning to maximise system operational performance. For use with XC/XD systems at Mod state 3 or above. Order adapter kit PN A-5003-1 for systems at Mod state 2 or below



HIGH TEMPERATURE WINDOWS

For cross duct monitoring applications where duct internal atmospheres exceed 600C and up to a maximum of 1200C for 15 minute period when used with alignment adjustment bushings. This pair of windows and mounting bolts provides thermal protection to ELDS systems. Suitable for use with XC/XD alignment bushes and mounting plates of all sizes.

ORDERING DETAILS

| | |
|----------|---|
| A-5060-1 | INTERFACE TERMINAL (PC), UL1604 OR ANSI/ISA 12.12.01 APPROVED |
| A-5060-2 | INTERFACE TERMINAL (PC), ATEX APPROVED |
| A-5060-3 | INTERFACE TERMINAL (PC), ATEX APPROVED C/W C-TICK FOR AUSTRALIA |
| A-5065-0 | INTERFACE TERMINAL (TABLET) |
| A-5002-1 | RED DOT OPTICAL ALIGNMENT SIGHT AND TARGET |

| | |
|----------|--|
| A-5003-1 | ALIGNMENT SIGHT ADAPTER KIT - FOR SYSTEMS MOD STATE 2 OR BELOW |
| A-5047-0 | HIGH TEMPERATURE WINDOWS |
| A-5121-2 | CROSS DUCT REFILLABLE GAS CHALLENGE TEST CELL |
| A-5130-0 | CROSS DUCT ALIGNMENT BUSHING KIT WITH BOLTS FOR SINGLE SYSTEM |