Open path gas detectors are used to monitor for fugitive emissions and protect plants from the risk of explosion by detecting leaks faster and over a larger area than is feasible with point detection. These devices are typically located around the perimeter of a plant, process or storage area; or positioned in close proximity to specific items of a plant, that pose a real risk of gas escape: e.g. compressors, pump sets, pressure reducers, valves and pipe flanges.

**SENSCIENT ELDS™ OPEN AREA AND VZ DEVICES**

**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 SENSCIENT 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 SENSCIENT 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)
OPTICAL ALIGNMENT SCOPE

A precision optical scope assembly with integral optical datum ring providing accurate, ‘On axis’ alignment, eliminating parallax errors found with top mounted scopes.

PRISM BASED OPTICS, PROVIDING ‘RIGHT WAY UP’ VIEWING
SIMPLE ‘CROSS HAIR’ ALIGNMENT
STAINLESS STEEL, SPRING LOADED, COUPLING ENABLING SINGLE HANDED MOUNTING
PELI STORM CASE WITH CUSTOM DENSE FOAM INSERT

OPTICAL ALIGNMENT SIGHT (VZ Only)

A precision optical red dot sight assembly with integral optical datum ring providing accurate, ‘On axis’ alignment, eliminating parallax errors found with top mounted sights.

RED DOT ALIGNMENT WITH ELEVEN INTENSITY SETTINGS
REPLACEABLE BATTERY
PRISM BASED OPTICS, PROVIDING ‘RIGHT WAY UP’ VIEWING
STAINLESS STEEL, SPRING LOADED, COUPLING ENABLING SINGLE HANDED MOUNTING
PELI STORM CASE WITH CUSTOM DENSE FOAM INSERT

GASSING 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 29.2 cm long gassing cell can be fitted to either the transmitter or receiver after being filled with an appropriate concentration of gas.

STAINLESS STEEL CONSTRUCTION
HIGH GRADE INLET / OUTLET GAS VALVES
PELI STORM CASE WITH CUSTOM DENSE FOAM INSERT
SUITABLE FOR USE WITH THE FOLLOWING GASES: CH₄, C₂H₄, CO₂, H₂S, MHC & NH₃

SNOW COWL (OPTIONAL)

All Senscient ELDS™ Open area devices are supplied with sun/deluge protection. For extreme driving snow conditions, snow cowls offer extended physical protection.

STAINLESS STEEL CONSTRUCTION
REPLACES SUN/DELUGE PROTECTION
PROVIDES EXTRA RADIAL PROTECTION
PROVIDES EXTRA LENS PROTECTION (15 CM)

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-5000-1  OPTICAL ALIGNMENT SCOPE WITH TRANSPORT CASE
A-5030-1  GASSING CELL WITH TRANSPORT CASE
A-5080-8  SNOW COVERS (PAIR OF)
A-5001-1  COMPACT OPTICAL ALIGNMENT SIGHT

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