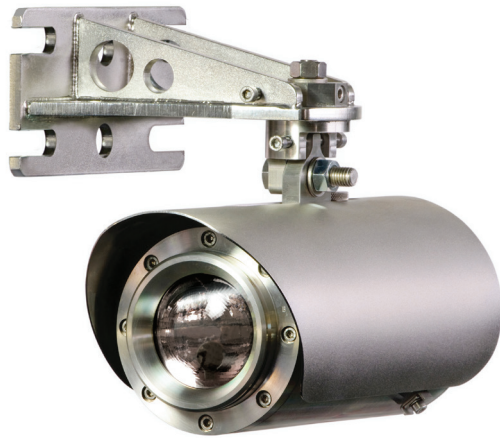


Senscient ELDS™

Commissioning Equipment and Accessories
(Open Area and Ventilation Zone Devices)



Senscient ELDS laser based open path gas detectors for 'Open Areas' are target gas specific and available for a range of flammable and toxic gases.

These 'Open Area' devices detect the target gas over path lengths from five to tens of meters (gas dependent).

The 'Ventilation Zone' device is available for methane only and is typically mounted across the face of mechanical ventilation air intakes or exhausts. These devices operate over path lengths of 0.5 to 5m.

Commissioning requires an ELDS alignment scope and product specific software called S.I.T.E. which is supplied pre-installed on a MSA Senscient supplied PC or tablet.

Optional accessories include a gassing cell for gas proof testing (gas dependent), enhanced sunshades for hot climates or snow cowls for sites subject to extreme winters.



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
- Rugged industrial storage/transit case with custom dense foam insert



Interface Terminal (Tablet) for Hazardous Areas

Essential for commissioning, event log downloading and fault diagnostics.

- Zone 2, Class I/II Div 2 approved
- High resolution display (1920 x 1080)
- 11.6 in. sunlight readable touchscreen
- IP64
- Microsoft Windows Operating System
- Bluetooth
- 256GB SSD storage
- Senscient ELDS S.I.T.E.™ Interface Software
- Team Viewer software for remote service support.
- USB to RS485 interface cable (2m) and protection for hard wired interface



Gassing Cell (Optional)

All Senscient ELDS™ devices incorporate the patented daily auto testing facility called SimuGas™ negating the need for manual routine testing.

Where local procedures require testing with target gas this 29.2 cm long gassing cell can be fitted to the receiver after being filled with an appropriate concentration of gas.

- Stainless steel construction
- High-grade inlet/outlet gas valves
- Rugged industrial storage/transit case with custom dense foam insert
- Suitable for use with the following gases: CH₄, C₂H₄, CO₂, H₂S & NH₃

WE KNOW WHAT'S AT STAKE.



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
- Extended front lens protection (15 cm)



Enhanced Sunshade

Designed to provide additional protection from direct sunlight radiation in hot climates / regions.

- Stainless steel construction
- Surface/pole mounting
- Replaces standard sun/deluge protection



Interface Terminal (PC) for Hazardous Areas*

Essential for commissioning, event log downloading and fault diagnostics. This industrial PC is suitable for heavy industrial environments.

- Zone 2, Class I/II Div 2 approved
- High resolution display (1920 x 1080)
- 11.6 in. sunlight readable touchscreen
- Touchpad and LED backlit keyboard
- IP65
- Microsoft Windows Operating System
- Bluetooth
- 256GB SSD storage
- Senscient ELDS S.I.T.E.™ Interface Software
- Team Viewer software for remote service support.
- USB to RS485 interface cable (2m) and protection for hard wired interface

* Alternative to 'Interface Terminal (Tablet) for Hazardous areas'.



Interface Terminal (Tablet) for Safe Areas*

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

- Safe area use only
- High resolution display (2736 x 1824)
- 12.3 in. touchscreen
- Type (keyboard) cover
- Microsoft Windows Operating System
- Bluetooth
- 128GB SSD storage
- Senscient ELDS S.I.T.E.™ Interface Software
- Team Viewer software for remote service support
- USB to RS485 interface cable (2m) and protection for hard wired interface

* Alternative to 'Interface Terminal (Tablet) for Hazardous areas'.

Ordering Details

Commissioning Equipment

Part number	Description
A-5060-1	Interface terminal (PC), UL1604 or ANSI/ISA 12.12.01 approved CI/II D2
A-5060-5	Interface terminal (Tablet), ATEX/IECEX Z2, CSA-C/US CI D1, CI Z2 approved
A-5060-6	Interface terminal (PC), ANSA/ISA 12.12.01 approved plus CCC certified for China
A-5060-7	Interface terminal (PC), ANSI/ISA 12.12.01 approved plus RCM certified for Australia approved C/W C-Tick for Australia
A-5065-0	Interface terminal (tablet) for safe area use only.
A-5000-1	Optical alignment scope with transport case (Open Area devices)
A-5001-2	Optical alignment scope with transport case (Ventilation Zone devices)

Optional Accessories

Part number	Description
A-5030-2	Gassing cell with transport case
A-5080-8	Snow covers (1 pair)
A-5081-2	Enhanced sunshade (1 pair)
A-5040-1	Stainless steel indent tags (1 pair)

Note: This Bulletin contains only a general description of the products shown. While product uses and performance capabilities are generally described, the products shall not, under any circumstances, be used by untrained or unqualified individuals. The products shall not be used until the product instructions/user manual, which contains detailed information concerning the proper use and care of the products, including any warnings or cautions, have been thoroughly read and understood. Specifications are subject to change without prior notice. MSA is a registered trademark of MSA Technology, LLC in the US, Europe, and other Countries. For all other trademarks visit <https://us.msasafety.com/Trademarks>.

MSA operates in over 40 countries worldwide. To find an MSA office near you, please visit [MSAsafety.com/offices](https://us.msasafety.com/offices).