

# SAFECONNECT™ Belt-Bridge with HAZMATCAD™ Detector Interface and SAFECONFIG™ Software



Advanced threat detection. Superior protection. Portability. Now with repeater expandability.

The SAFECONNECT Belt-Bridge works with the HAZMATCAD Detector for integration into the MSA SAFESITE® Multi-Threat Detection System. These new system components offer up to two miles of wireless communication plus an updated Graphical User Interface (GUI) which provides all mission-critical information in one uncomplicated format.

## SAFECONNECT Belt-Bridge

- ➔ Interfaces wirelessly to modified HAZMATCAD Detectors
- ➔ Provides GPS location tracking in real time



All of these components are designed for integration with MSA's SAFESITE System, combining state-of-the-art detection technologies. The SAFESITE System provides superior preventative and counter-measure solutions for homeland security and emergency response personnel, public events, building protection, perimeter monitoring, hazardous response, port surveillance and confined space monitoring.

## SAFECONFIG Software

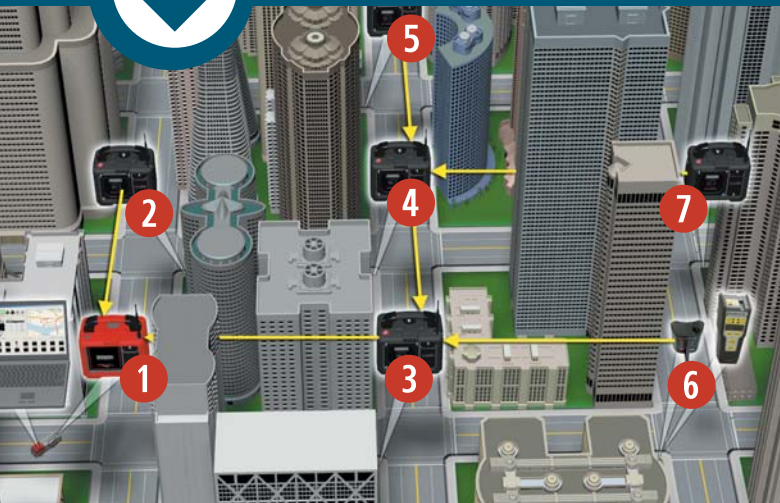
- ➔ Configures SAFEMTX Detectors or SAFECONNECT Belt-Bridges as repeaters\*, ensuring maximum signal strength
- ➔ Modifies system assignment of SAFEMTX Detectors
- ➔ Greatly expands detection distance of SAFESITE System

\*Repeater function with MTX does not eliminate unit's ability to monitor the environment.



# SAFECITY

This image illustrates the benefits of the SAFESITE System with repeater capability.



The SAFECONFIG works in conjunction with the SAFECOM Command Center of the SAFESITE System. SAFECONFIG Software enables the user to reconfigure SAFEMTX instruments as repeaters, giving the user maximum flexibility in the deployment of the SAFESITE System.

- ① SAFECOM Command Center receives and displays complete information from all detectors.
- ② SAFEMTX Detector communicates directly to SAFECOM.
- ③ SAFEMTX Detector configured as Repeater #1, communicates directly to SAFECOM.
- ④ SAFEMTX Detector configured as Repeater #2, transmits through Repeater #1, then to SAFECOM.
- ⑤ SAFEMTX Detector communicates to SAFECOM through Repeater #2, then Repeater #1.
- ⑥ HAZMATCAD Detector with SAFECONNECT Belt-Bridge communicates to SAFECOM through Repeater #1.
- ⑦ SAFEMTX Detector communicates to SAFECOM through Repeater #2, then Repeater #1.

## Specifications: HAZMATCAD Detector

<b>Weight</b>	22 ounces with batteries (0.63kg)
<b>Dimensions</b>	2.3 x 2.5 x 7.8 inches (5.8 x 6.2 x 19.8cm)
<b>Sensor Technology</b>	Surface acoustic wave microsensor array
<b>Analysis Time</b>	20 seconds in Fast Mode, 120 seconds in High Sensitivity Mode
<b>Visual Display</b>	4-character alphanumeric LCD display plus status LEDs
<b>Warm-up</b>	Less than 3 minutes
<b>CWA Alarm Thresholds</b>	Nerve agents (G) Fast Mode – 0.3 to 0.9mg/m <sup>3</sup> or (0.04 to 0.14ppm) Blister agents (H) Fast Mode – 1.4mg/m <sup>3</sup> or (0.2ppm) Nerve agents (G) High Sensitivity Mode – 0.06 to 0.18mg/m <sup>3</sup> or (0.01 to 0.03ppm) Blister agents (H) High Sensitivity Mode – 0.28mg/m <sup>3</sup> or (0.04ppm)
<b>Blood or Choke Alarm Thresholds</b>	Hydrogen cyanide – blood agent – "TOX" (AC) – 5.0ppm Phosgene – choke agent – "TOX" (CG) – 0.3ppm
<b>Battery Type</b>	Sony NP-F550 li-ion rechargeable
<b>Mission Life</b>	8 hours in Fast Mode, 12 hours in High Sensitivity Mode
<b>Audible Alarm</b>	85 db at 0.1 meter
<b>Data Output</b>	9600 baud infrared data port, RS-232 with adapter cable
<b>Operating Temperature</b>	0° to 40°C, 32° to 105°F
<b>Operating Humidity</b>	0 to 95% non-condensing
<b>Warranty</b>	1-year parts and labor

**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.



For Additional Information Contact:

**TRADEWAYS LTD**

## Ordering Information

Part Number	Description
10071439	HAZMATCAD Adapter Kit
10095469	Data logging cable
10092335	Belt-Bridge cable
10055097	HAZMATCAD Plus for nerve and blister agents, TICs (phosgene, hydrogen cyanide, halogen and hydride gases)
10055094	HAZMATCAD Detector for nerve and blister agents
10055095	HAZMATCAD Detector for nerve and blister agents, hydrogen cyanide
10055096	HAZMATCAD Detector for nerve and blister agents, phosgene
10073312	SAFECONFIG Installation Software