TELEDYNE OLDHAM SIMTRONICS
Everywhere**you**look™

MX 62 TP
Touch Panel

MX 62 TP

Control Unit

Description

Bringing together the latest data logger and alarm unit for gas and flame detection systems, the MX 62 TP features an innovative HMI interface specifically designed to facilitate user-controller interactions.

This interaction is simplified by a large, fully interactive 10" (up to 15") high-definition colour touchscreen, allowing for clearer visualisation of critical gas detection data.

Characteristics

- Back up processor to ensure continual measurement
- 64 secure channels
- Modular and flexible
- Reduces installation costs
- Direct links, networks and loops
- Colour touch screen
- Embedded web page functionality
- Location of detection points on image/drawing of the site (optional)
- Event Log

Access control functions have also been improved through secure and controlled user profiles. These customised access profiles can be configured for specific individuals or groups and are controlled when a user logs in, allowing for greater control and flexibility when managing life protection assets in critical security environments within nuclear, oil and gas, petrochemical and heavy industrial applications as well as research facilities.

In addition, our event logger ensures that every gas or flame detection event (real or false) is easily recorded, traced and detailed on the memory card, improving monitoring compliance and output reporting, and most importantly saving valuable time on a previous manual and paper-based process.

HMI interactive touch screen

- Easy and simplified interaction with the control unit
- Available in 10" or 15" version as an option
- High definition colour screen
- Greater and easier control for larger sites
- Embedded web page
- Visualise alarms and relays status from the HMI screen

Perfectly suited for large sites in heavy industry

- Ideal for large sites with many gas detection points
- Ideal option for nuclear, oil and gas applications, as well as heavy industrial sites
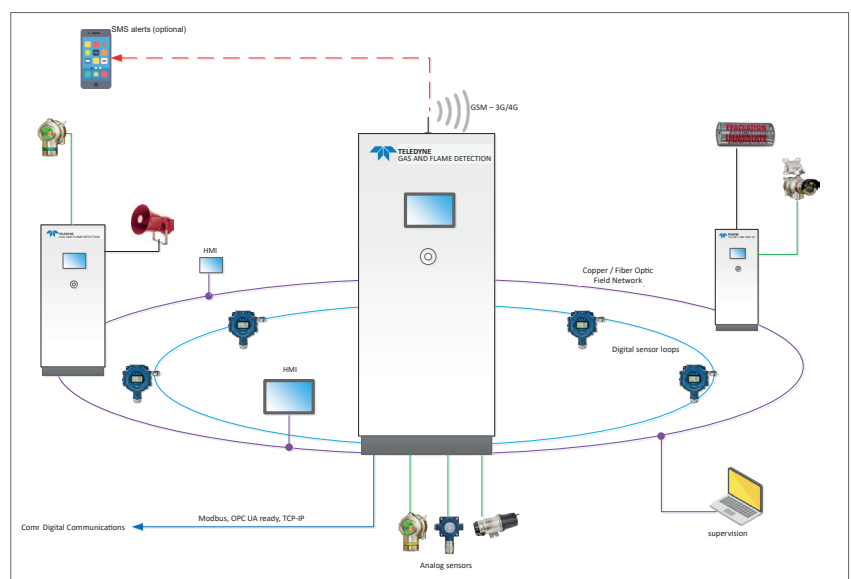- Suitable for research facilities

Secure and controlled user profiles

- Improved user access controls
- Adapted to specific professional profiles
- Control at the touch of a button
- More control and flexibility in the management of personal security assets

Improved event recorder

- Ensures that every gas detection event (real or false) is easily recorded and detailed
- Improves compliance tracking and reporting
- Saves time compared to a manual and paper-based process
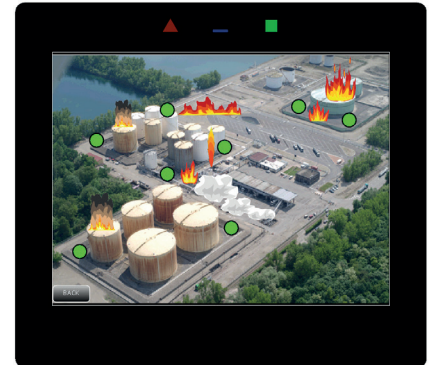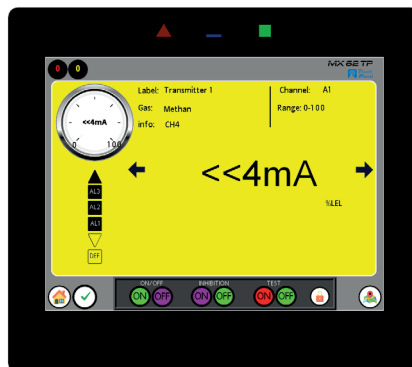
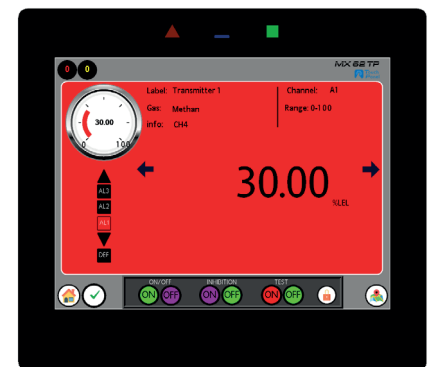**Sample configuration**

Main menu

Gas detection layout on-site

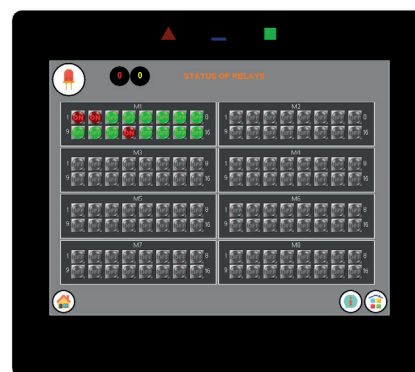

Animated map

"Normal state" measurement

"Default" measurement

"Alarm" measurement

Main page

Relay status

Technical characteristics

MX 62 TP

Capacity	64 secure channels per entity (128 relays per control unit)
Housing	Bay, box and desk
Display	10" HMI colour touchscreen or 15" as option
Programming	Various possibilities: voting, boolean calculations,increasing and decreasing alarms, medium, etc.

Alarms

Visual alarms	Data protection through user accounts Gas: 4 maximum thresholds Maintenance / single mode / system failure with colour code of the system status indicated on the front via LED light Presence of power Acknowledgement of alarms individually or in general
Audible alarm	Buzzer Event recording on USB flash drive or SD card (16GB max)
Inputs	4-20 mA Digital by OLCT80 loops, 4 loops maximum
Outputs	4-20 mA Digital: Modbus TCP-IP, RTU optional Relay (128 max.)
Printer Supply 230 Vac/24 Vdc	Event recorder or event log recorded on SD card (on average 5 months of event recording with a 16GB SD card for 64 channels max). Optional GSM SMS network alerts (SIM card and operator subscription not provided)
Operating temperature	0°C to +50°C Hygrometry: from 5% to 85% relative humidity (no condensation)
Dimensions	Consult us
Compliance	CE SIL2 from EN 50402 - BVS 03 WINPRO: ATEX G 002 X MX 62 BVS 07 ATEX G 001 X
Other	ConfiPro programming software

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