

AUTROMASTER 4 ISEMS FOR UBUNTU®

Integrated Safety and Emergency Management System Product Datasheet

Features

- User-friendly graphical user interface
- Presentation of monitoring and control for alarmed areas
- Enriched information regarding safety equipment, subsystems, etc.
- Synchronized network solution for information distribution
- Multi-language support
- System backup tools
- Security clearance levels and user identification

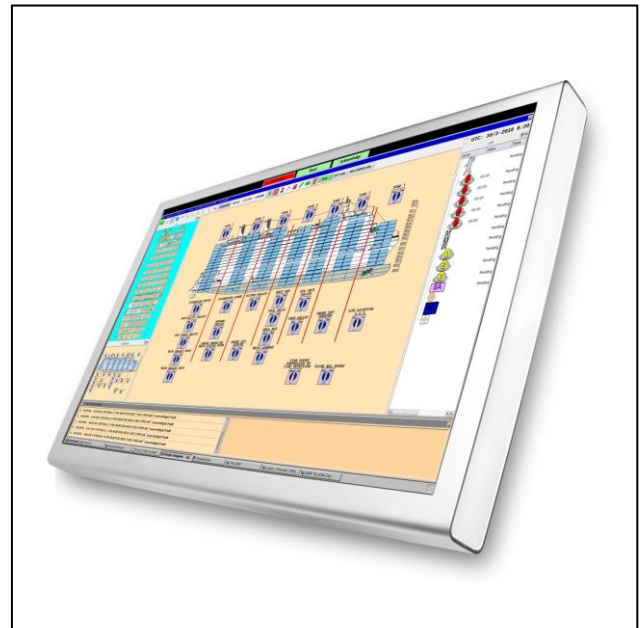
Description/Application

AutoMaster 4 ISEMS for Ubuntu® is an Integrated Safety and Emergency Management System which can be used together with the AutoSafe Interactive Fire Detection System, Autoprime Fire Detection System and BS-100 systems.

The AutoMaster ISEMS has an intuitive control and monitoring interface, providing an easy-to-understand graphical presentation of the premises and events that may occur. Navigation is fast and instinctual, and the powerful zoom functions allow you to monitor all areas in great detail.

The system can be connected to a large number of fire-alarm panels of different types (such as operator, control or repeater panels) via a serial connection or an Ethernet network.

AutoMaster 4 ISEMS uses colour-graphics for the display of system events (smoke/heat development), providing detailed information so that necessary actions can be taken. It provides historical overviews of measured values for specific detectors, as well as for the entire system; using the built-in report generator, these provide cost-efficient documentation and maintenance logs.



Control of the alarmed area and its subsystems are unlimited; core features include detector-group management for logical grouping of detectors;

enablement/disablement of detectors and groups; control of programmable logic controllers; door control; control of low-location lighting, CCTV systems and emergency lighting.

The system can be distributed on a synchronized network, ensuring information and control is available throughout the system. Duty control allows delegation of duty between networked AutoMaster PCs.

Graphical User Interfaces

AutoMaster 4 ISEMS for Ubuntu provides the following two graphical interfaces:

- Standard graphical user interface (default)
- AutoBrowser (introduced with AutoMaster ISEMS)

The graphical interfaces comprise display views, menu handling, buttons, panes, navigation techniques, system operating techniques, the change of mimics, the selection of points (detectors, manual call points, etc.).

Requirements

AutroMaster 4 ISEMS for Ubuntu® uses Ubuntu as an operating system.

| Computer platform | Operating system |
|-------------------|------------------|
| PC | Ubuntu 18.04 LTS |

For details on computer-hardware specifications, refer to Technical Specifications.

| Technical specifications | |
|---------------------------------|---|
| Compatible hardware | x86 |
| Operating system | Ubuntu 18.04 LTS |
| Minimum resolution | 1920 x 1080 pixels |
| Required physical memory | Minimum 4096Mb |
| Linux kernel | 5.0.x |
| Required hard disk size | Minimum 100GB |
| Required communication hardware | Ethernet |
| Compatible fire-alarm systems | AutroSafe, Autroprime version 2 or later, BS-100. For detailed information on compatibility, refer to Compatibility Matrix in System Description. |
| Network capacity | Supports one master with four slaves |
| Supported connections | RS-232, RS-486, ethernet |
| Supported protocols | ESPA 4.4.4, ModBus RTU, ModBus TCP/IP, ASAP, AutroCom, VDR, NMEA, Gessler |
| Compatible systems | For detailed information on compatibility, refer to the Compatibility Matrix in the System Description. AutroSafe Autroprime 2.0 BS-100 v. 3.20; BS-60 slaves connected to BS-100; Saia PLC |

Installation Overview

AutroMaster 4 ISEMS is connected to the fire detection system by Ethernet or serial interface, suitable interface cards may have to be installed into both the computer and the fire alarm panel.

AutroMaster functionality

AutroMaster 4 ISEMS provides the following functionality:

| Functions/Modules |
|--|
| Basic functionality |
| Fire management basic functions |
| MultiSensor control |
| Report generator |
| Control and monitoring of emergency lights/LLL |
| Extended functionality |
| AutroSafe IFG unit support |
| Dual Safety (AutroSafe 4.3 or later) |
| Touch screen support |
| Decision support system/incident manager |
| Electronic plotting table |
| Training/simulation module |
| Event record and replay module |
| Remote connect function |
| Message center module |
| AutroBrowser for Windows |

| Part number | Description |
|---------------------|---------------------------|
| 116-PROG-AM4-UBUNTU | AutroMaster 4 for Ubuntu® |

For information on part numbers for available PCs and monitors, please refer to the Product Catalogue and Price Lists.