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
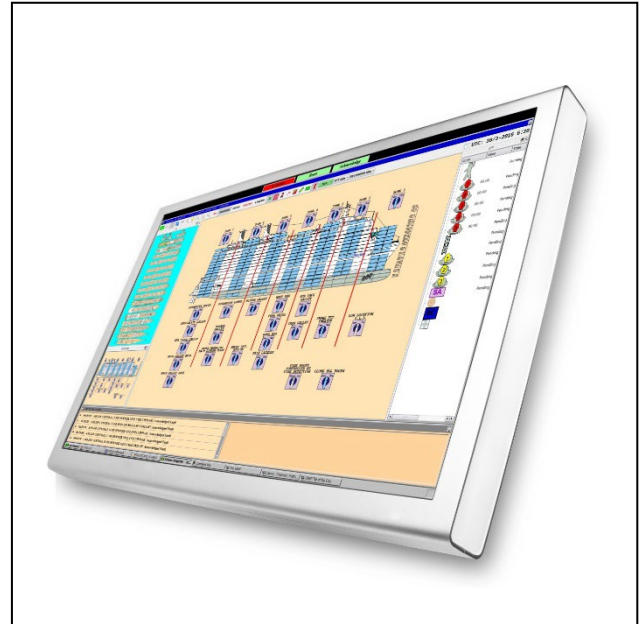
Description/Application

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

The AutroMaster 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 great number of fire-alarm panels of different types (such as operator, control or repeater panels) via a serial connection or an Ethernet network.

AutroMaster 4 ISEMS uses color-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 AutroMaster PCs.

Graphical User Interfaces

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

- Standard graphical user interface (default)
- AutroBrowser (introduced with AutroMaster 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 22.04 LTS

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

Technical specifications	
Compatible hardware	x86
Minimum resolution	1920 x 1080 pixels
Required physical memory	Minimum 16Gb recommended
Required hard disk size	Minimum 100GB
Required commication 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, NMEA
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;

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®
116-AM4-INDUSTRIAL	PC with AutroMaster 4
116-AM4-RACKPC	2U Rack mounted PC with AutroMaster 4
116-AM4-RACKPC2	2U Rack mounted dual PC with AutroMaster 4