Intelligent Addressable Fire Detection and Alarm Systems

Generating Confidence

maxlogic & mavigard

fire and gas detection systems

Mavili Elektronik operating in the field of fire and gas detection systems since 1987, offers its products and services internationally in compliance with international standards. The company manufactures accredited products approved by authorized institutions, making them available for use in over **70 countries**, including Turkey.

The company, utilizing state-of-the-art technology, produces innovative and user-friendly solutions in the integration of smart building technologies. It is a solution partner for many leading brands in the fields of **CCTV, IP Camera, VMS/PSIM, Access Control, and BMS**, establishing itself as a leader in these areas.

Mavili conducts meticulous project planning with **Maxlogic & Mavigard** brand fire alarm systems for various types of areas, ranging from shopping malls to airports, cargo ships to passenger vessels, large hotel chains to complex living spaces, hospitals, universities, and high-risk structures such as industrial facilities.

mavili

The company, demonstrating its expertise in both developing products and implementing them in the field concerning standards and regulations, offers a diverse range of products. This range includes software solutions that provide centralized monitoring and control, emphasizing the company's commitment to compliance with standards and regulations throughout the product development and implementation processes.

Mavili combines the expertise of its specialized workforce, industry experience, and a commitment to developing products tailored to customer needs while developing fire and gas detection systems, which are crucial for ensuring life and property safety. The company places great importance on merging knowledge, sector know-how, and understanding customer requirements to create effective solutions for fire and gas safety.

Mavili, its factories located in Ümraniye and Gebze, along with seven regional directorates, aims to be by the customer's side not only during the pre-sales phase but also after the sale. With a workforce exceeding 250 people, the company continues to serve this industry by maintaining a presence in various regions.

Certificates and Licences

* Mavili Elektronik A.Ş.'s **ISO 9001** quality management system, which it implements, has been audited by the world-renowned **LPCB (Loss Prevention Certification Board)** organization and is certified for compliance with **ISO 9001:2015**.
* We have undergone an audit for compliance with the **TS EN ISO/IEC 27001:2017** Information Security Management System, conducted by the certification and surveillance services of DataCert Certification Ltd. The audit has confirmed our compliance, and we have been certified with the **TS EN ISO/IEC 27001:2017** certificate.
* Our Fire Alarm System products have the **TS EN 54** certification.
* Our Fire Detection and Alarm System products have been certified by **LPCB** and **Dedal**, receiving **EN 54** and **CPR** certifications. This approval from international accredited organizations further validates the quality of our products.
* Our services are certified with the **TS 12849** Service Place Competency Certificate and the After Sales Services Competency Certificate.
* Our Marine type products are certified by **TÜRK LOYDU (SOLAS 74 and FSS)**, and **MED (WHEELMARK)**.
* The factory located in Gebze has been entitled to the **Zero Waste Certificate** by establishing a Zero Waste Management System in compliance with the Zero Waste Regulation, which came into effect with the publication in the Official Gazette dated 12/07/2019 and numbered 30829.
* Our products have Customs Union Conformity Certificates **(EAC Certificates)** confirming their compliance with approved regulations within the Eurasian Economic Union region.
* Certification by **Exveritas** has been obtained, verifying the implementation of quality management systems in the production of explosion-proof products with the **EN ISO/IEC 80079-34** certificate. Additionally, products intended for use in explosive atmospheres have been certified with the **ATEX Type Approval Certificate** for intrinsic safety.
* Our products have **USAGE LICENSES** issued by the authorized entities in many countries worldwide.

Project Areas

More than **100.000** buildings worldwide are protected by **Maxlogic & Mavigard** fire and gas detection systems.

- Shopping Malls
- Public Buildings
- Residences
- Car Parks
- Industrial Facilities
- Airports
- Metro and Railway
- Hotels
- Court House and Prisons
- Hospitals
- Educational Institutions
- Sea Vehicles

and you may contact us for further information.

Smart Solutions for Buildings...

Intelligent Addressable Fire Detection and Fire Systems

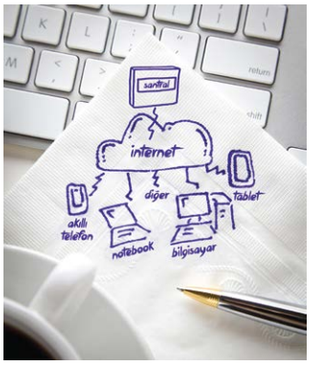
With its VIP communication protocol and microprocessor-controlled design, Maxlogic & Mavigard intelligent addressable fire detection and alarm systems, which have superior and stable operating performance, ease of installation and operation, offer suitable solutions for projects with variable features.

- Production with surface mounting technology
- Protection from electromagnetic interference
- Easy setup and use with user-friendly and aesthetic design
- Easy programming of the panel and connected input-output devices with the LoopManager software
- Interrupt feature to cut off the loop query enabling fire alarm detection within 1.5 seconds
- The possibility of contamination control
- Software addressing ease with addressing device
- The ability to program the smart addressable detectors, buttons, and zone control modules in the system based on a cause-and-effect logic, enabling them to respond to comprehensive fire scenarios
- The possibility to select event types for all input and output devices and create user-defined event types
- Programmable remote control input
- With the SPRVSR+ software, it is possible to remotely monitor and control the panels

With programmable field control modules, it is possible to monitor and control the desired environmental systems within the scope of automation. The system can flawlessly and comprehensively execute functions within the framework of **fire scenarios**, including the following features and much more.

- Stopping ventilation units in the relevant zone of the building
- Activation of the emergency announcement system
- Activation of the smoke exhaust system
- Management of fire/smoke dampers
- Closing protective doors between various fire zones
- Activation of pressurization fans in the main stairwell and fire escape stairs
- Directing building elevators to the respective floors
- Activation of the central emergency lighting system
- Activation of the gas shut-off system
- Activation of extinguishing systems
- Sending audible messages, SMS, or email alarms and fault signals to the nearest fire station and other authorized units.

Maxlogic series intelligent addressable fire alarm panels can operate over a network via **fiber optic** cable infrastructure. The communication between fire panels functioning as a network is carried out through an industrial-based **CAN** communication protocol, preventing data loss.



- Capability for 64 panels to operate as a network
- Fire alarms, faults, and other events occurring in any panel can be viewed and controlled from other panels
- Based on cause-and-effect logic, a minimum of 1000 scenarios can be defined for each panel, up to 64,000 scenarios within the network
- Compatibility with Modbus or BACnet protocols enabling direct information exchange with other building control and automation systems

Access for remote monitoring and control of the fire detection and alarm system is achieved through the use of four different methods.

- RS-232 communication protocol for wired short-distance connections
- RS-485 communication protocol for wired long-distance connections
- TCP/IP communication protocol for remote access via LAN, WAN, and the internet
- GPRS communication protocol for remote access via the internet using GPRS infrastructure

- In the event of a fire or emergency, authorized personnel can make live announcements through an integrated public address system with the smart addressable fire detection system.
- The voice evacuation recordings of the existing public address system in the building where the fire detection systems are installed can automatically activate within the building's fire scenario.
- In case of a fire or emergency, authorized personnel can establish secure and uninterrupted communication with the security center, smart addressable fire alarm panels, and strategically placed field telephones, whether portable or fixed.

Key of Remote Control...

SPRVSR+ Graphical Monitoring and Management Software

SPRVSR+ is software developed for the graphical remote monitoring and management of addressable systems, specifically those by Maxlogic and other systems. It is a user-friendly program that maintains records of all activities related to the fire alarm system (fires, faults, user interventions, etc.) and offers various methods for analysis through event filters. The SPRVSR+ software is designed to integrate seamlessly with building management systems (BMS) and other infrastructure software SPRVSR+.

- Through the "Easy Dashboard" screen in the **SPRVSR+** program, users can easily perform monitoring, create reminders, and control tasks such as database backup and restoration.
- The ability to **Zoom In/Out** on the map in SPRVSR+ allows for manual control of devices directly from the map, providing flexibility in device management.
- It is possible to monitor **1000 networks**, each consisting of 64 panels, in SPRVSR+.
- In the event of fire or error conditions, SPRVSR+ allows for the automatic or manual sending of alert messages to remote computers via LAN, WAN, or the internet, provided that the IP addresses are defined.
- The process of conducting detector contamination measurements can be enabled or disabled in SPRVSR+. Measurement intervals for detector contamination control can also be specified and configured within the system.
- By utilizing the simulation option, control over maps, devices, and system operation can be achieved with a simulated, non-real fire event in SPRVSR+.
- In the event of an incident, real-time or daily reporting containing information such as the type of event, date, time, etc., can be sent via SMS or email.
- SPRVSR+ provides options for viewing, saving, and printing event records.

Ability to Zoom In / Out on the Map

Multi View

Contamination Control

BMS (Building Management System) Integrations

VMS (Video Management) Integrations

Access Control Integration

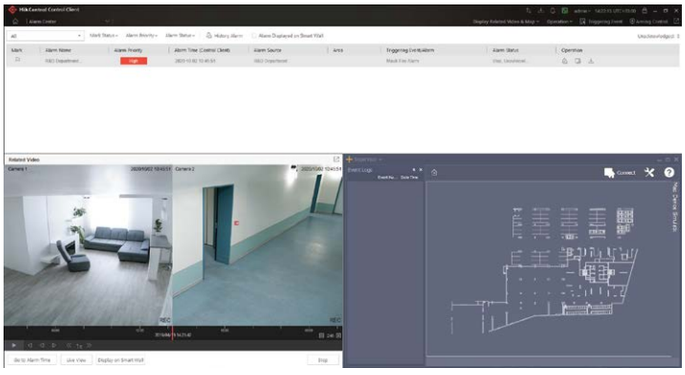
IP Camera Integration

Simulation Control for System Control

SMS / E-mail Notification

The development of technology has facilitated the construction of large and complex structures and has created the need to manage different mechanical and electronic systems such as elevators, security cameras, card passes in these buildings from a single center. Open platforms that offer solutions to this need have increased their importance with the realization of technology partnerships by companies that are experts in their fields.

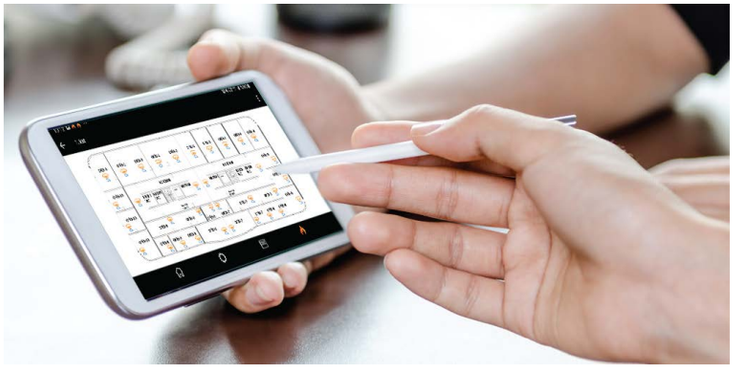
Integration of Mavili's **BMS (Building Management Systems)**, **VMS (Video Management Systems)**, and other intelligent technology products with roof software is preferred in locations where security risks are increasing. Renowned solution partners globally offer a single-platform solution, consolidating the multi-management of systems for user-friendly monitoring, management convenience, and time savings. Maxlogic SPRVSR+ Graphic Monitoring and Management Software, integrated at the "Plug-In" level with roof software, provides an advanced and secure solution for fire protection in such locations.



SPRVSR+ software has the capability to integrate with **Access Control** systems. Through access to Access control devices on the map, commands such as opening and closing doors can be easily issued, and live connections can be established to cameras associated with the device.

When a authorized or unauthorized card is swiped on the card readers on the doors while the system is active, interactions can be viewed on the map in real-time. Details can be learned from event records, providing insights into the specific events related to the card swiping activity.

Thanks to the **Android / IOS** software, there is no need for the user to be at the computer to control and monitor the fire alarm system.



SPRVSR+ Software Features

SPRVSR+ Master - Slave Functioning

- Maxlogic SPRVSR+ Graphic Monitoring and Management Software allows for point-based monitoring, control, and storage of event log for Maxlogic addressable panels and panel-based monitoring for other brands remotely.
- There must be at least one SPRVSR+ master in the system in order to perform important operations such as starting connections with all GCUs from a single channel and to perform remote control and control operations.
- With the installed Slave SPRVSR+ software on a computer, monitoring and certain restricted control operations can be performed.
- **In situations requiring intervention,** commands can be sent to the central control panel through **SPRVSR+** by accessing the **Evacuate, Alarm, Silence Alarm, Silence Buzzer, Test** and **Reset** buttons located on the front face of the panel.

Overal Status: It shows the events of fire, fault etc. in the fire alarm system in detail.

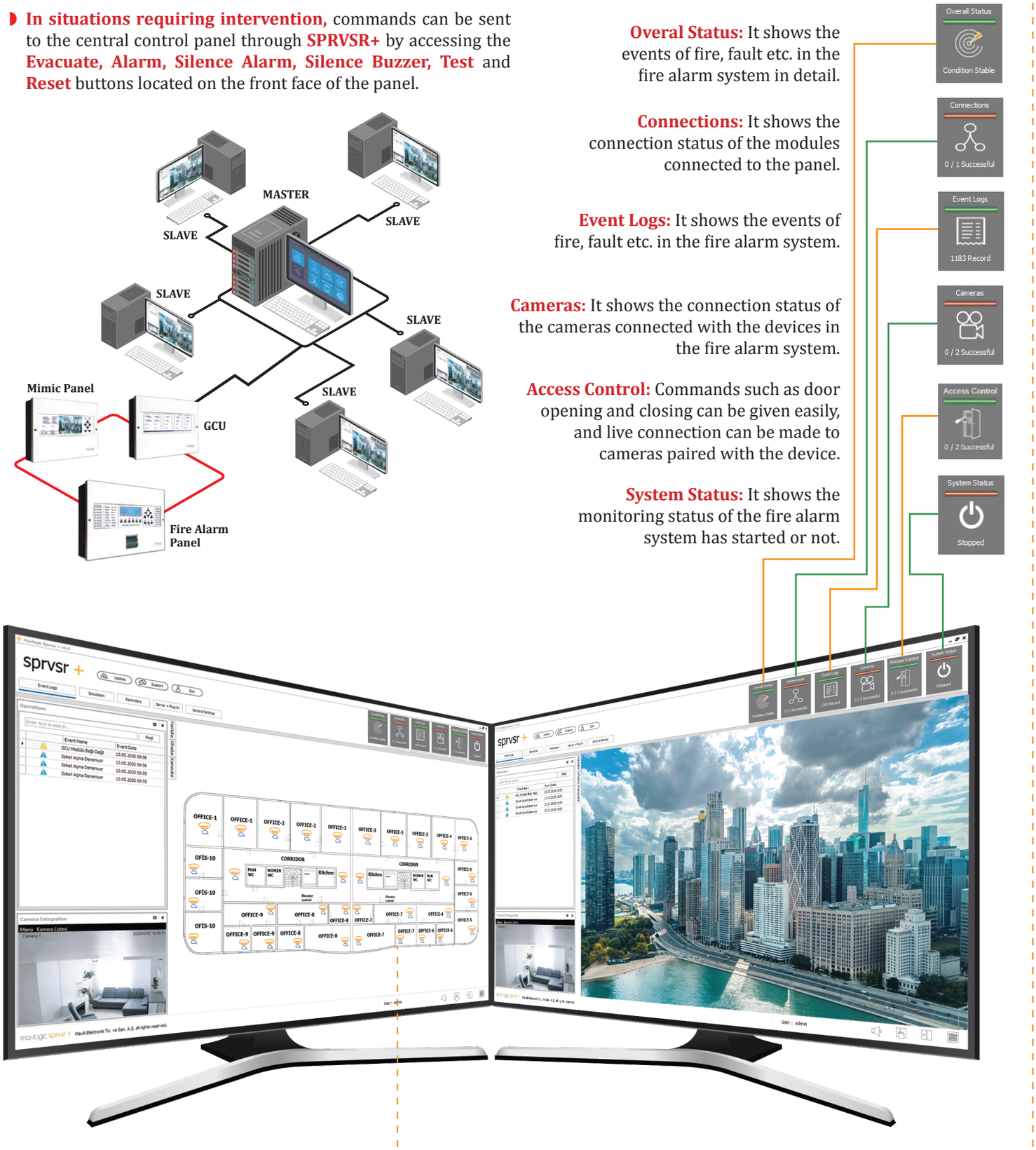
Connections: It shows the connection status of the modules connected to the panel.

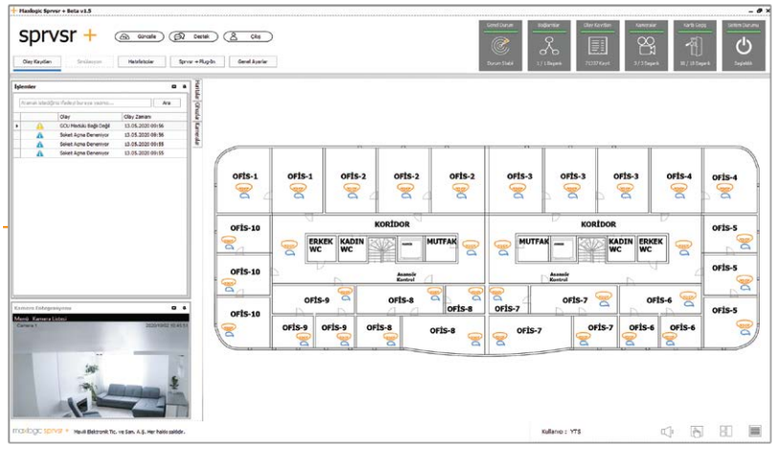
Event Logs: It shows the events of fire, fault etc. in the fire alarm system.

Cameras: It shows the connection status of the cameras connected with the devices in the fire alarm system.

Access Control: Commands such as door opening and closing can be given easily, and live connection can be made to cameras paired with the device.

System Status: It shows the monitoring status of the fire alarm system has started or not.





- By adding maps with device placements to the Maxlogic **SPRVSR+** software, graphical monitoring of the facility can be achieved in real-time during events. The zoom feature allows for detailed examination on the map. The point of detection can be pinpointed to the specific device, providing information on which device initiated the detection.
- Contamination control periods can be determined for the detectors.
- In the event of a fire, the location of fire can be monitored via the **IP camera** system.
- At the time of the event; **SMS** or **E-mail** can be sent with instant or daily reporting including the type, date, time, etc. of the event.

SPRVSR+ MASTER MODELS

Product Code	Description
ML-1633.1.01	Maxlogic SPRVSR+ Master Graphic Monitoring and Managing Software for Single Panel
ML-1633.1.02	Maxlogic SPRVSR+ Master Graphic Monitoring and Managing Software using cost for 2 panels
ML-1633.1.04	Maxlogic SPRVSR+ Master Graphic Monitoring and Managing Software using cost for 4 panels
ML-1633.1.08	Maxlogic SPRVSR+ Master Graphic Monitoring and Managing Software using cost for 8 panels
ML-1633.1.16	Maxlogic SPRVSR+ Master Graphic Monitoring and Managing Software using cost for 16 panels
ML-1633.1.32	Maxlogic SPRVSR+ Master Graphic Monitoring and Managing Software using cost for 32 panels
ML-1633.1.64	Maxlogic SPRVSR+ Master Graphic Monitoring and Managing Software using cost for 64 panels
ML-1633.1.128	Maxlogic SPRVSR+ Master Graphic Monitoring and Managing Software using cost for 128 panels
ML-1633.1.256	Maxlogic SPRVSR+ Master Graphic Monitoring and Managing Software using cost for 256 panels
ML-1633.1.512	Maxlogic SPRVSR+ Master Graphic Monitoring and Managing Software using cost for 512 panels
ML-1633.1.1024	Maxlogic SPRVSR+ Master Graphic Monitoring and Managing Software using cost for 1024 panels
ML-1633.1.2048	Maxlogic SPRVSR+ Master Graphic Monitoring and Managing Software using cost for 2048 panels
ML-1633.1.4096	Maxlogic SPRVSR+ Master Graphic Monitoring and Managing Software using cost for 4096 panels
ML-1633.1.8192	Maxlogic SPRVSR+ Master Graphic Monitoring and Managing Software using cost for 8192 panels

SPRVSR+ SLAVE MODELS

Product Code	Description
ML-1633.2.01	Maxlogic SPRVSR+ Slave Graphic Monitoring and Managing Software using cost for single panel
ML-1633.2.02	Maxlogic SPRVSR+ Slave Graphic Monitoring and Managing Software using cost for 2 panels
ML-1633.2.04	Maxlogic SPRVSR+ Slave Graphic Monitoring and Managing Software using cost for 4 panels
ML-1633.2.08	Maxlogic SPRVSR+ Slave Graphic Monitoring and Managing Software using cost for 8 panels
ML-1633.2.16	Maxlogic SPRVSR+ Slave Graphic Monitoring and Managing Software using cost for 16 panels
ML-1633.2.32	Maxlogic SPRVSR+ Slave Graphic Monitoring and Managing Software using cost for 32 panels
ML-1633.2.64	Maxlogic SPRVSR+ Slave Graphic Monitoring and Managing Software using cost for 64 panels
ML-1633.2.128	Maxlogic SPRVSR+ Slave Graphic Monitoring and Managing Software using cost for 128 panels
ML-1633.2.256	Maxlogic SPRVSR+ Slave Graphic Monitoring and Managing Software using cost for 256 panels
ML-1633.2.512	Maxlogic SPRVSR+ Slave Graphic Monitoring and Managing Software using cost for 512 panels
ML-1633.2.1024	Maxlogic SPRVSR+ Slave Graphic Monitoring and Managing Software using cost for 1024 panels
ML-1633.2.2048	Maxlogic SPRVSR+ Slave Graphic Monitoring and Managing Software using cost for 2048 panels
ML-1633.2.4096	Maxlogic SPRVSR+ Slave Graphic Monitoring and Managing Software using cost for 4096 panels
ML-1633.2.8192	Maxlogic SPRVSR+ Slave Graphic Monitoring and Managing Software using cost for 8192 panels

IOS MODELS

Product Code	Description
ML-1635.1	Maxlogic SPRVSR+ Graphical Monitoring and Control IOS Software using cost, 1 user
ML-1635.5	Maxlogic SPRVSR+ Graphical Monitoring and Control IOS Software using cost, 5 user
ML-1635.10	Maxlogic SPRVSR+ Graphical Monitoring and Control IOS Software using cost, 10 user

ANDROID MODELS

Product Code	Description
ML-1634.1	Maxlogic SPRVSR+ Graphical Monitoring and Control Android Software using cost, 1 user
ML-1634.5	Maxlogic SPRVSR+ Graphical Monitoring and Control Android Software using cost, 5 user
ML-1634.10	Maxlogic SPRVSR+ Graphical Monitoring and Control Android Software using cost, 10 user

SPRVSR+ PLUG-IN MODELS

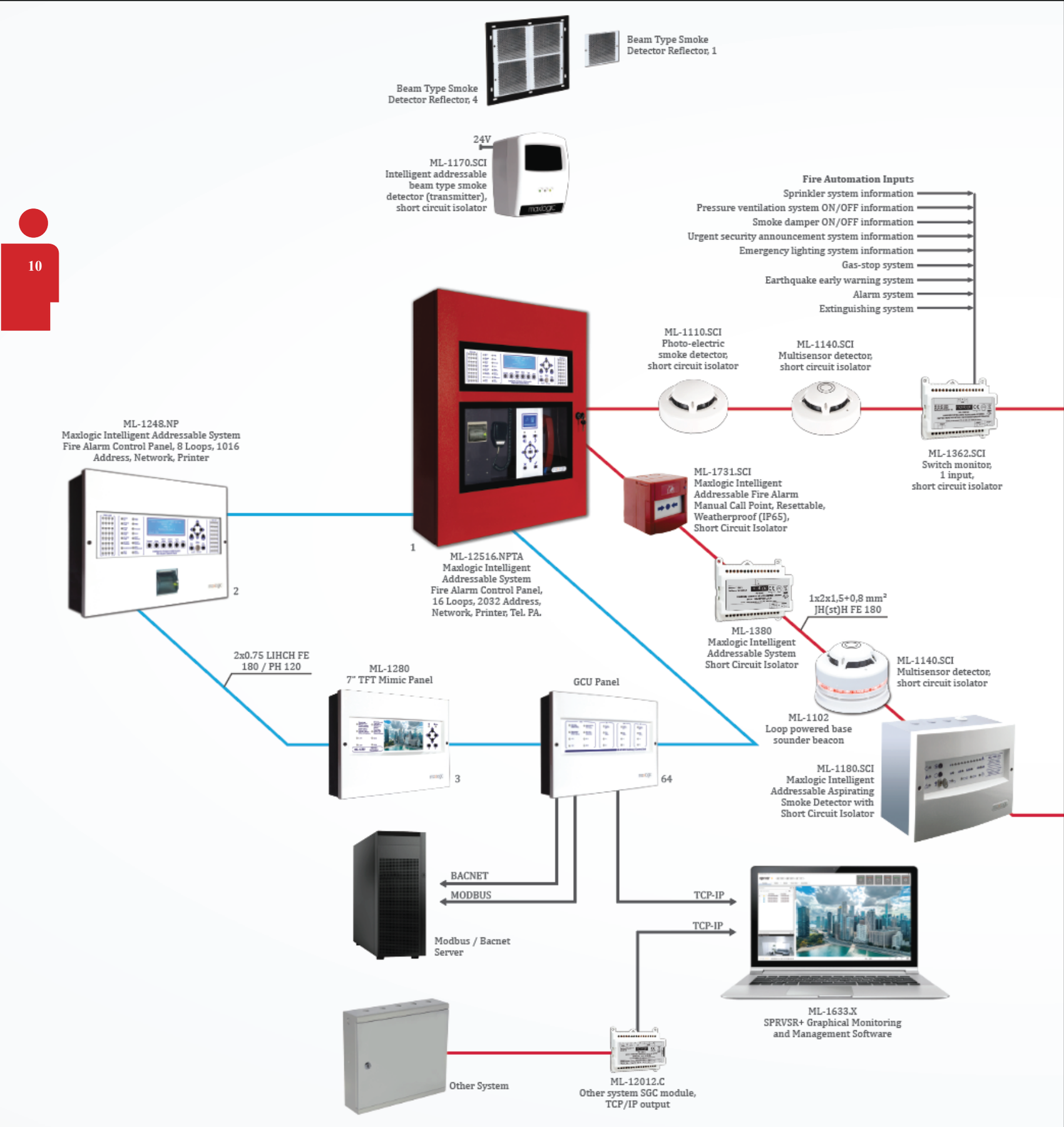
Product Code	Description
ML-1636.1	Maxlogic SPRVSR+ Plug-In Graphical Monitoring Software Using cost, HikCentral Integration
ML-1636.2	Maxlogic SPRVSR+ Plug-In Graphical Monitoring Software Using cost, VideoXpert Integration
ML-1636.3	Maxlogic SPRVSR+ Plug-In Graphical Monitoring Software Using cost, XProtect Integration
ML-1636.4	Maxlogic SPRVSR+ Plug-In Graphical Monitoring Software Using cost, Nx Witness Integration
ML-1636.5	Maxlogic SPRVSR+ Plug-In Graphical Monitoring Software Using cost, Seetec Qoqnify Integration
ML-1636.6	Maxlogic SPRVSR+ Plug-In Graphical Monitoring Software Using cost, Mirsad Integration
ML-1636.7	Maxlogic SPRVSR+ Plug-In Graphical Monitoring Software Using cost, Wisenet Wave Integration
ML-1636.8	Maxlogic SPRVSR+ Plug-In Graphical Monitoring Software Using cost, Cayuga Integration

SPRVSR+ PLUG-IN MODELS

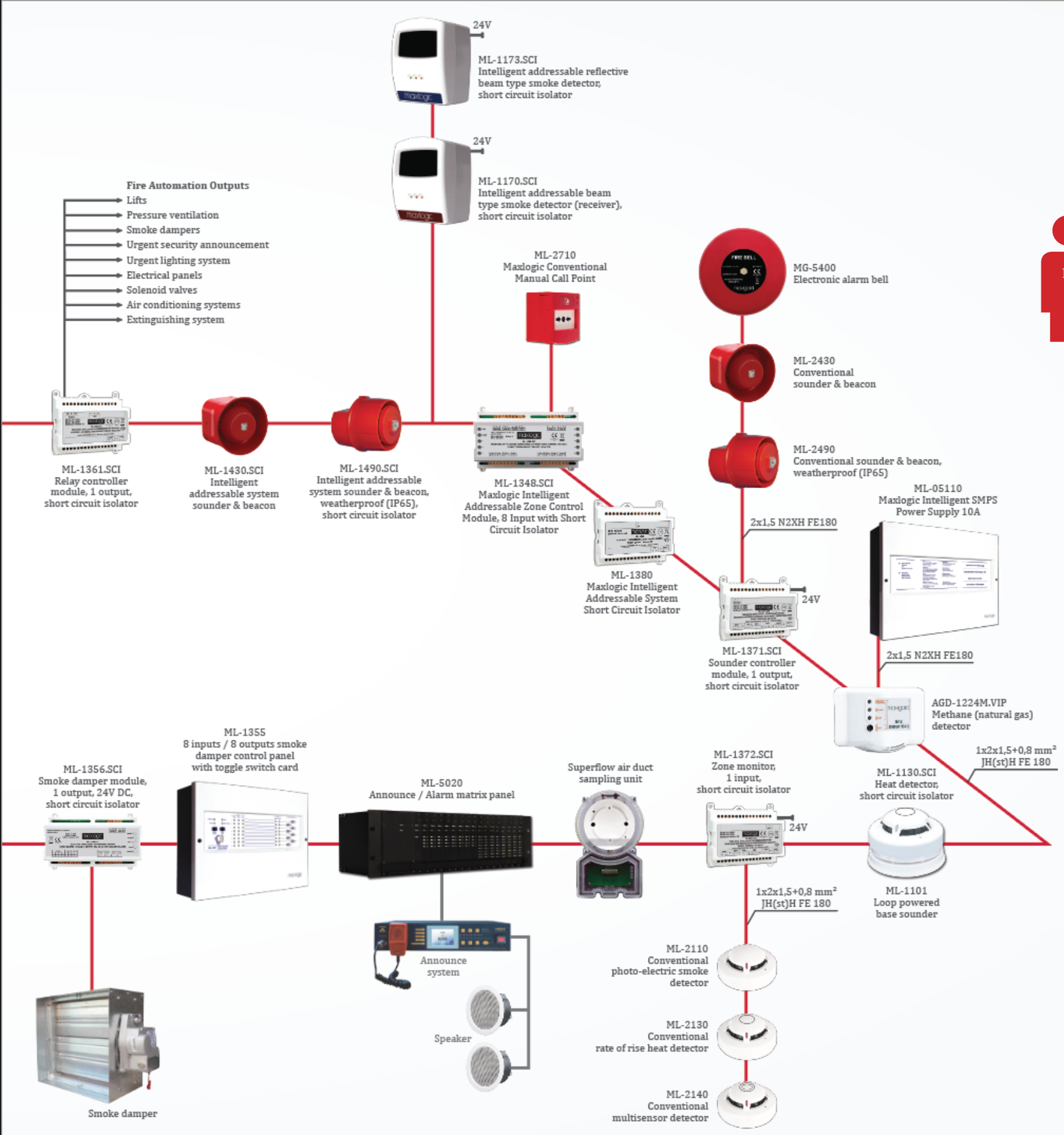
Product Code	Description
ML-1636.9	Maxlogic SPRVSR+ Plug-In Graphical Monitoring Software Using cost, ISIM Integration
ML-1636.10	Maxlogic SPRVSR+ Plug-In Graphical Monitoring Software Using cost, Axxon Next Integration
ML-1636.11	Maxlogic SPRVSR+ Plug-In Graphical Monitoring Software Using cost, Avigilon Control Center Integration
ML-1636.12	Maxlogic SPRVSR+ Plug-In Graphical Monitoring Software Using cost, Cathexis Integration
ML-1636.13	Maxlogic SPRVSR+ Plug-In Graphical Monitoring Software Using cost, Rosslare Integration
ML-1636.14	Maxlogic SPRVSR+ Plug-In Graphical Monitoring Software Using cost, Vanderbilt Integration
ML-1636.15	Maxlogic SPRVSR+ Plug-In Graphical Monitoring Software Using cost, Schneider EcoStruxure Integration

DONGLE MODELS

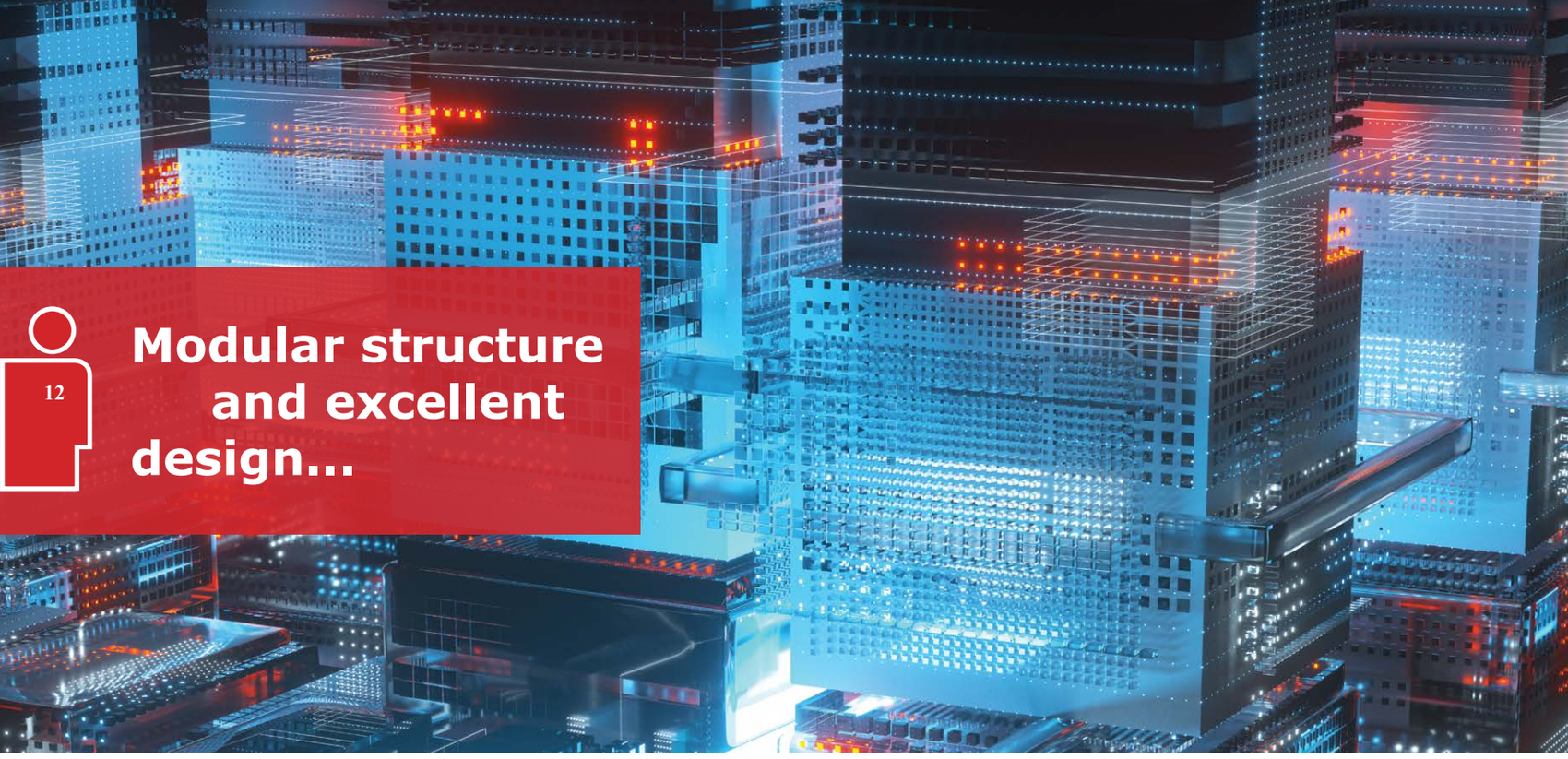
Product Code	Description
ML-1661.1	Maxlogic SPRVSR+ Master USB Dongle
ML-1661.2	Maxlogic SPRVSR+ Slave USB Dongle
ML-1661.3.1	Maxlogic SPRVSR+ Plug-In USB Dongle using cost, HikCentral Authorization
ML-1661.3.2	Maxlogic SPRVSR+ Plug-In USB Dongle using cost, VideoXpert Authorization
ML-1661.3.3	Maxlogic SPRVSR+ Plug-In USB Dongle using cost, XProtect Authorization
ML-1661.3.4	Maxlogic SPRVSR+ Plug-in USB Dongle using cost, Nx Witness Authorization
ML-1661.3.5	Maxlogic SPRVSR+ Plug-In USB Dongle using cost, Seetec Qoqnify Authorization
ML-1661.3.6	Maxlogic SPRVSR+ Plug-In USB Dongle using cost, Mirsad Authorization
ML-1661.3.7	Maxlogic SPRVSR+ Plug-In USB Dongle using cost, Wisenet Wave Authorization
ML-1661.3.8	Maxlogic SPRVSR+ Plug-In USB Dongle using cost, Cayuga Authorization
ML-1661.3.9	Maxlogic SPRVSR+ Plug-In USB Dongle using cost, İSIM Authorization
ML-1661.3.10	Maxlogic SPRVSR+ Plug-In USB Dongle using cost, Axxon Next Authorization
ML-1661.3.11	Maxlogic SPRVSR+ Plug-In USB Dongle using cost, Avigilon Control Center Authorization
ML-1661.3.12	Maxlogic SPRVSR+ Plug-In USB Dongle using cost, Cathexis Authorization
ML-1661.3.13	Maxlogic SPRVSR+ Plug-In USB Dongle using cost, Rosslare Authorization
ML-1661.3.14	Maxlogic SPRVSR+ Plug-In USB Dongle using cost, Vanderbilt Authorization
ML-1661.3.15	Maxlogic SPRVSR+ Plug-In USB Dongle using cost, Schneider EcoStruxure Authorization



- Up to 64 panels and/or repeater panels can be assembled with CAN protocol into a network.
- By the help of this feature, Maxlogic & Mavigard system is used easily in big buildings, hospitals, universities etc. projects.
- Max. 130.048 devices can be used in Maxlogic Addressable Fire Detection System.



- Events can be monitored from any panel in Network.
- Controlling all other panels from any panel.
- Creating cause-effect scenarios between devices that is connected to panels in network.



Modular structure and excellent design...

Maxlogic Intelligent Addressable Fire Alarm Panels

Maxlogic intelligent addressable fire alarm panels offer effective solutions tailored to user needs and facility specifications.

ML-12516.NPTA
Maxlogic Intelligent Analogue Addressable System Fire Alarm Control Panel, 16 Loops, 2032 Address, Network, Printer, Tel. PA.

ML-1238
Maxlogic Intelligent Analogue Addressable System Fire Alarm Control Panel, 8 Loops, 1016 Address

- Compatible with EN 54-2 and EN 54-4 standarts
- Production with Surface Mounting Technology (Surface Mounting Technology = SMT)
- The key is needed for entry to panel menu
- Expandable loops up to 16 loops, max. 2032 address capacity for each panel 4 different language options (TR, EN, RU, FR) for menu, serigraphics and software
- Real Time Clock
- Day/Night working mode, pre alarm and contamination warning
- 1000 automation scenarios can be created for each panel
- 1000 event log memory

- The system allows for detailed visualization of fire alarms, fault information, and other events through an adjustable 260x64 pixel graphic LCD screen and LED indicators. The brightness intensity can be customized for optimal viewing.
- Separate query buttons and categorical classification options are provided for easy access to fire and other types of events, facilitating efficient navigation and organization.
- The system supports the operation of up to 64 panels and repeater panels in a network through the CAN protocol.

- 4 programmable supervised remote control inputs
- Communication interrupt for fast fire detection in 1.5 sec
- Supervised sounder, fire relay, alarm relay and fault relay outputs
- Supervised peripheral devices, extension cards (power supply, loop extensions, printer)
- Input/output modules can be connected to panel
- Input/Output devices have event selection and advanced parametric editing options
- Priority display of fire alarms, separate query buttons for fire and other types of events, and categorical classification based on events are available features.
- The options for muting/unmuting and locking/unlocking all outputs provide versatile control within the system for managing various output functionalities collectively.

ML-125XX Maxlogic Intelligent Addressable Fire Alarm Panels provide user-friendly and cost-effective solutions tailored to facility needs, incorporating modules for network, printer, telephone, and announcements.

Network Module

Network module allows up to 64 panels to operate in a network, enabling events such as fire alarms, errors, etc., occurring in any panel to be viewed and controlled (alarm cancel, buzzer cancel, reset, etc.) from other panels.

Printer Module

The printer module is used for the real-time or batch printing of events such as fire alarms, faults, etc., occurring in intelligent addressable panels. As a thermal printer, it eliminates issues like ink depletion, providing reliable printing capabilities.

Telephone/ Announcement Control Unit

The telephone/announcement control unit facilitates the easy control of the telephone or announcement module on the fire alarm panel through its graphic LCD design.

Telephone Module

In the event of a fire or emergency, communication is established through the firefighter field control unit with telephone modules on security centers, field telephones, and other fire alarm panels.t

Anouncement Module

During a fire or emergency, the alarm announcement matrix panel enables live announcements to defined zones through the panel, integrating seamlessly with all available announcement systems, regardless of brand or model.

PANEL MODELS

Product code	Loop	Address
ML-1230.N	0	0
ML-1231	1	127
ML-1232	2	254
ML-1233	3	381
ML-1234	4	508
ML-1235	5	635
ML-1236	6	762
ML-1237	7	889
ML-1238	8	1016

PANEL MODELS

Product code	Loopt	Address
ML-1240.N	0	0
ML-1241.P	1	127
ML-1242.P	2	254
ML-1243.P	3	381
ML-1244.P	4	508
ML-1245.P	5	635
ML-1246.P	6	762
ML-1247.P	7	889
ML-1248.P	8	1016

PANEL MODELS

Product code	Loop	Address	Product code	Loop	Address
ML-1250.N	0	0	ML-1259	9	1143
ML-1251	1	127	ML-12510	10	1270
ML-1252	2	254	ML-12511	11	1397
ML-1253	3	381	ML-12512	12	1524
ML-1254	4	508	ML-12513	13	1651
ML-1255	5	635	ML-12514	14	1778
ML-1256	6	762	ML-12515	15	1905
ML-1257	7	889	ML-12516	16	2032
ML-1258	8	1016			

PANEL MODELS

Product code	Loop	Address	Product code	Loop	Address
ML-1250.NPTA	0	0	ML-1259.NPTA	9	1143
ML-1251.NPTA	1	127	ML-12510.NPTA	10	1270
ML-1252.NPTA	2	254	ML-12511.NPTA	11	1397
ML-1253.NPTA	3	381	ML-12512.NPTA	12	1524
ML-1254.NPTA	4	508	ML-12513.NPTA	13	1651
ML-1255.NPTA	5	635	ML-12514.NPTA	14	1778
ML-1256.NPTA	6	762	ML-12515.NPTA	15	1905
ML-1257.NPTA	7	889	ML-12516.NPTA	16	2032
ML-1258.NPTA	8	1016			

MODULE MODELS

Product code	Description
ML-12015	Maxlogic Intelligent Addressable System Network Module
ML-1203	Maxlogic Intelligent Addressable System Printer Module
ML-1204	Maxlogic Intelligent Addressable System Telephone Module
ML-1205	Maxlogic Intelligent Addressable System Announcement Module
ML-1208	Maxlogic Intelligent Addressable System Telephone / Announcement Control Module
ML-1209	Maxlogic Intelligent Addressable System ML-125XX Printer Module

Graphical Monitoring and control...

7” TFT Mimic Panel

In the Maxlogic intelligent addressable fire detection and alarm system, the 7” TFT Mimic Panel is connected to the network created by the panels, acting as a repeater. Based on the previously entered user-configured map, it allows graphical visualization of the origin of the fire event and enables the transmission of commands such as "Reset," "Alarm," and "Silence Alarm" to the connected panels in the network.

ML-1280
7” TFT Mimic Panel

- Mimic Manager Software for easy programming via PC
- Ability to transfer the building projects drawn in the computer environment to the mimic panel as a map via SD card
- Being able to graphically monitor fire information coming from panels in the network.
- Layered monitoring for each device
- Automatic or manual navigation between the maps in case of fire
- Displaying the date/time information of the current event from the menu when the fire event occurs, and detailed device information of the device from which the fire event occurred.
- Possible sending information Alarm / Alarm Silence / Reset to all panels in network
- Sound warning in case of fire thanks to the internal buzzer

PANEL MODELS

Product Code	Description
ML-1280	Maxlogic Intelligent Addressable System 7" TFT Mimic Panel

ACCESSORIES AND OPTIONS

Product Code	Description
ML-1621.1	ML-1280 7" TFT Mimic Panel Software using cost (Communication Cable and Converter included)

Keep Your Eyes On The Heights...

Beam Type Smoke Detectors

The beam-type smoke detector is designed for detecting smoke in large and high spaces such as warehouses and shopping malls using its infrared beams. It features a modern design and is manufactured using surface-mounting production technique. The detectors operate by sensing the decrease in infrared light caused by smoke during a fire.

ML-1170.SCI
Maxlogic Intelligent addressable beam type smoke detector with short circuit isolator

ML-1170.SCI
Maxlogic Intelligent addressable beam type smoke detector with short circuit isolator

A beam-type smoke detector consists of two parts: a transmitter and a receiver. These two components are positioned at a distance ranging from 5 to 100 meters.

ML-1173.SCI
Maxlogic Intelligent addressable reflective beam type smoke detector, with short circuit isolator

ML-0171
Maxlogic Beam type smoke detector reflector, with 1 reflector

ML-0174
Maxlogic Beam type smoke detector reflector, with 4 reflector

The reflective beam-type smoke detector consists of two parts: a receiver/transmitter unit and a reflector. These two components are positioned to face each other. When a single reflector is used, they are placed at a distance ranging from 5 to 35 meters. When four reflectors are used, they are placed at a distance ranging from 5 to 50 meters.

- Short circuit isolator option
- Receiver-Transmitter or reflective models
- 2-digit numeric display for easy commissioning
- Programming facilitating buttons
- With beam type smoke detector 1240 m2, with reflective beam type smoke detector 620 m2 protection area
- LED indicators for power, fire and fault conditions
- Ability to adjust itself to polluted and dirty environment
- Three sensitivity levels can be easily adjusted
- Continuous control of communication against the faults

DETECTOR MODELS

Product Code	Description
ML-1170	Maxlogic Intelligent addressable beam type smoke detector
ML-1170.SCI	Maxlogic Intelligent addressable beam type smoke detector, with short circuit isolator
ML-1173	Maxlogic Intelligent addressable reflective beam type smoke detector
ML-1173.SCI	Maxlogic Intelligent addressable reflective beam type smoke detector, with short circuit isolator
ML-0171	Maxlogic Beam type smoke detector reflector, with 1 reflector
ML-0174	Maxlogic Beam type smoke detector reflector, with 4 reflector

Excellent Compatibility of Software and Hardware

Intelligent Addressable Fire Detectors

Intelligent addressable fire detectors with superior performance, using VIP communication protocol, offer high reliability with a stable detection structure.

- Compatible with EN 54-5, EN 54-7 and EN 54-17 standards
- Twin fire alarm indicators for 360° viewing
- RY LED that lights red in alarm status and yellows in case of contamination and fault.
- Remote indicator output
- Microprocessor controlled
- Clip-on contact to avoid contact
- Compatible with ML-0140 and ML-0141 series mounting bases
- Compatible with ML-0121 series surface mounting back box
- Compatible with ML-0150 series recessed mounting base

ML-1110.SCI
Optical smoke detector
with short circuit isolator

ML-1130.SCI
Heat detector
with short circuit isolator

ML-1140.SCI
Multisensor detector
with short circuit isolator

ML-1110.SCI Maxlogic Intelligent Addressable Optical Smoke Detector, with short circuit isolator

Photo electric smoke detectors utilize the IR light scatter principle. The chamber is designed for protection from dust, insects and other external interferences. Through short circuit isolator, the line is isolated in case of short circuit.

ML-1130.SCI Maxlogic Intelligent Addressable Heat Detector, with short circuit isolator

Heat detector detects temperature change by temperature-sensitive thermistors. The detector can work either as a fixed heat or rate of rise heat detector. Through Short circuit isolator, the line is isolated in case of short circuit.

ML-1140.SCI Maxlogic Intelligent Addressable Multisensor Detector, With Short circuit isolator

The multi-sensor detectors have a photo-electric smoke detection chamber and a temperature-sensitive thermistor.The chamber is designed for protection from dust, insects and other external interferences. Through short circuit isolator, the line is isolated in case of short circuit.

ML-1150.SCI Maxlogic Intelligent Addressable Carbon Monoxide Detector with Short Circuit Isolator

The Intelligent addressable carbon monoxide detector interprets the carbon monoxide analog values detected at the place where it is located, converts it into a fire signal by means of advanced electronic circuits and transmits it to the fire alarm panel. It detects the amount of carbon monoxide in the location with its electrochemical sensor and generates a fire signal. Through short circuit isolator, the line is isolated in case of short circuit.

ML-1160.SCI Maxlogic Intelligent Addressable Multisensor (CO+A1S Class Heat) Detector with Short Circuit Isolator

Intelligent addressable multisensor (CO+A1S class heat) detectors detect and interpret the ambient temperature with the thermistor and the amount of carbon monoxide in the location with the electrochemical sensor. A fire signal is generated if the ambient temperature reaches 60°C or if more than 50ppm of carbon monoxide gas is detected in the location. Through short circuit isolator, the line is isolated in case of short circuit.

ML-1161.SCI Maxlogic Intelligent Addressable Multisensor (CO+A1R Class Heat) Detector with Short Circuit Isolator

Intelligent addressable multisensor (CO+A1R class heat) detectors detect and interpret the ambient temperature with the thermistor and the amount of carbon monoxide in the environment with the electrochemical sensor. If the ambient temperature reaches 60°C or there is a temperature increase specified in the EN 54-5 standard, a fire is detected. In addition, if more than 50ppm of carbon monoxide gas is detected in the location, a fire signal is generated. Through short circuit isolator, the line is isolated in case of short circuit.

DETECTOR MODELS

Product Code	Description
ML-1110	Maxlogic Intellingent Addressable Optical Smoke Detector
ML-1120	Maxlogic Addressable A1S Class Fixed Temp Heat Detector
ML-1130	Maxlogic Intelligent Addressable Heat Detector
ML-1130BS	Maxlogic BS Class Intelligent Addressable Heat Detector
ML-1140	Maxlogic Intelligent Addressable Multi-sensor (Optical Smoke+Heat) Detector
ML-1110.SCI	Maxlogic Intellingent Addressable Optical Smoke Detector With Short Circuit Isolator
ML-1120.SCI	Maxlogic Addressable A1S Class Fixed Temp Heat Detector With Short Circuit Isolator
ML-1130.SCI	Maxlogic Intelligent Addressable Heat Detector With Short Circuit Isolator
ML-1140.SCI	Maxlogic Intelligent Addressable Multi-sensor (Optical Smoke+Heat) Detector With Short Circuit Isolator
ML-1150.SCI	Maxlogic Intelligent Addressable Carbon Monoxide Detector with Short Circuit Isolator
ML-1160	Maxlogic Intelligent Addressable Multisensor (CO+A1S Class Heat) Detector
ML-1160.SCI	Maxlogic Intelligent Addressable Multisensor (CO+A1S Class Heat) Detector with Short Circuit Isolator
ML-1161	Maxlogic Intelligent Addressable Multisensor (CO+A1R Class Heat) Detector
ML-1161.SCI	Maxlogic Intelligent Addressable Multisensor (CO+A1R Class Heat) Detector with Short Circuit Isolator

ACCESSORIES

Product Code	Description
ML-0140	Maxlogic Detector Mounting Base
ML-0141	Maxlogic Mounting Base With Buzzer for Maxlogic Detectors
ML-0143	Maxlogic UL Detector Mounting Base (6 inches)
ML-0144	Maxlogic Mounting Base (B class)
ML-0150	Maxlogic Recessed Mounting Base
ML-0121	Maxlogic Surface Mounting Base (For Detector)

Advance Technology Intelligent Solutions...

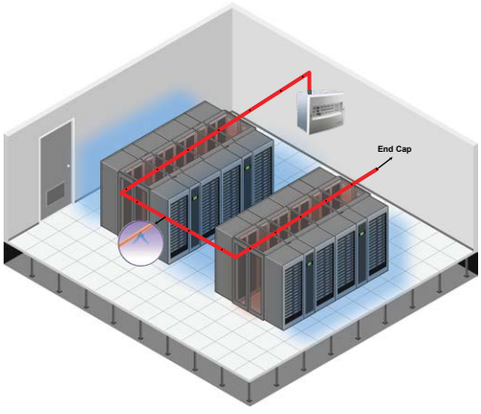
Maxlogic Intelligent Addressable Aspirating Smoke Detector

It is designed for the areas where detection of smoke should be extremely sensitive in air ducts. It has suitable options in addressable and conventional systems types according to usage area.

ML-1180.SCI
Maxlogic Intelligent Addressable Aspirating Smoke Detector, Short Circuit Isolator

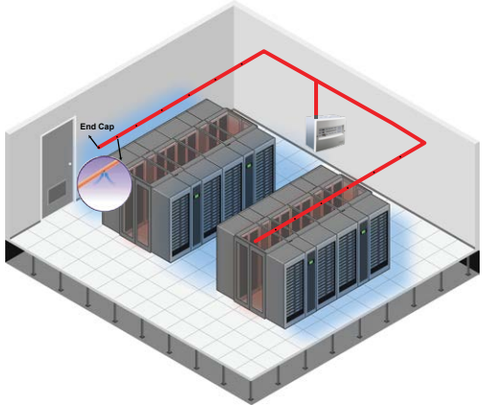
- Mathematical modelling technology
- Short circuit isolator option
- Compatible with EN 54-20 and EN 54-17 standarts
- Ability to work Class A, Class B and Class C sensitivity
- Wide detection range: 0,005% - 20% (obs/m)
- High sensitivity resolution: 0.0001% (obs/m)
- Ability to separate dust and smoke
- Ability to work Single, U-Type, 2U-Type pipe installation systems
- Ability to give alarm with 4 Alarm levels: Warning, Pre Alarm, Fire 1 and Fire 2
- Adjustable fan speeds (1-10 levels)
- 4 Alarm output relay (100mA @30V), 2 Fault Output relay (100mA @30V)
- Operating status control via LED indicators
- Remote control function: Silence, Fault, Reset, Alarm
- IP30 protection level
- Programming over USB-PC

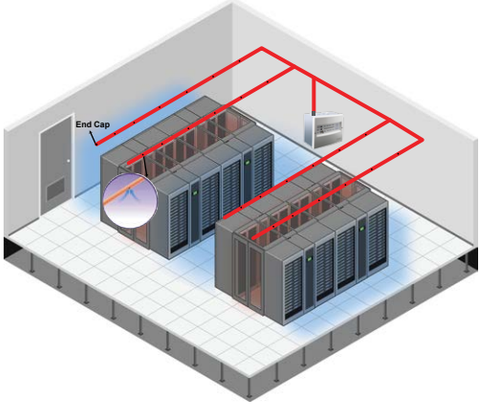
Pipe Installation Systems



Single Pipe Installation Systems
- Sampling pipe length: < 150m
- Max hole number: 60
- Hole diameter: 2mm
- Ending Cover: Flow can be accelerated with 4-8mm hole.

U-Type Pipe Installation Systems
- Sampling Pipe Length: < 250m (every each pipe < 125m)
- Max hole number: Total 60 (every each pipe 30)
- Hole diameter: 2mm
- Ending Cover: Flow can be accelerated with 4-8mm hole.





2U-Type Pipe Installation Systems
- Sampling Pipe Length: < 400m (Every each pipe < 100m)
- Max hole number: Total 60 (Every each pipe 15)
- Hole diameter: 2mm
- Ending Cover: Flow can be accelerated with 4-8mm hole.

Usage Areas

- Aircraft hangar
- Arsenals
- IT centers
- Data banks
- Valuable document archives
- Intensive care rooms
- Laboratories
- Museum and art galleries
- Historical houses and historical artifacts
- Scientific research centers
- Warehouses
- Petrochemical facilities
- Transformer buildings
- Telecommunication centers and similar structures

MODELS

Product Code	Description
ML-1180	Maxlogic Intelligent Addressable Aspirating Smoke Detector
ML-1180.SCI	Maxlogic Intelligent Addressable Aspirating Smoke Detector with Short Circuit Isolator

ACCESSORIES

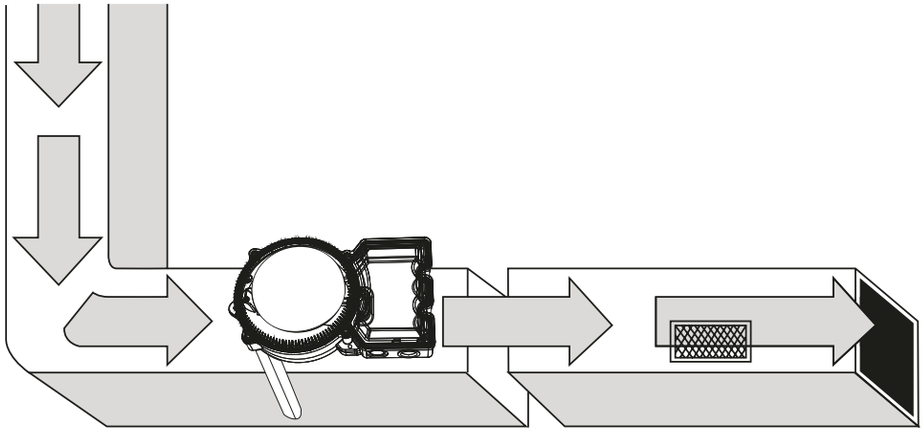
Product Code	Description
ML-0181	Maxlogic Aspirating Smoke Detectors Heater, 2 Input / 1 Output
ML-0182	Maxlogic Aspirating Smoke Detectors Heater, 4 Input / 1 Output
ML-0183	Maxlogic Aspirating Smoke Detectors Heater, 4 Input / 2 Output
ML-0184	Maxlogic Air Sampling Detector Condensation Trap
ML-0185	Maxlogic Air Sampling Detector Dust Filter
ML-0186	Maxlogic Air Sampling Detector Magnetic Filter

Fast and Stable Detection...

Superflow Air Duct Sampling Unit

Superflow air duct sampling unit is used to detect smoke in ventilation ducts and combines a smoke detector and an adaptor system where both venturi pipe and housing are specially designed for optimum airflow through the smoke detector.

UG-7/STD
Superflow duct air sampling device



- Complies with EN 54-27 standard
- Single pipe air sampling system Superflow patented venturi pipe and duct casing
- Test hole located in the top cover
- Easy setup

MODELS

Product Code	Description
UG-7/STD	Superflow duct air sampling device
ST2	Sampling tube (length 0.6 m)

The Right Choice for CO Detection and Automation...

Gas Detectors

Intelligent addressable fire alarm panels with user-friendly, high-performance gas detectors that are suitable for use, demonstrating superior and stable operational efficiency. Gas detectors with a broad application range and reliable gas detection, offering user-friendly interfaces and consistently high performance.

AGD-1224M.VIP
Mavigard AGD Series Gas Detectors
Intelligent Addressable Methane
(Natural Gas) Detector, 12/24V DC

- Compatible with EN 50194-1 and 50291 standards
- System normal operation condition, faults on detector and gas alarm events can be followed via LEDs
- Can be directly connected to loop
- Built-in buzzer
- LEDs and buzzer can be tested via test button
- 5 years sensor life under normal operating conditions
- Relay output models
- Models with external 24V DC / 230V AC power supply

LPG and Natural-gas detectors

LPG (buthane+propane) and natural-gas (methane) are hidrocarbon derivative explosive gases. The detectors respond audible and visually, before the leakage reaches %10 LEL (lower explosive limit).

Surface mounting back box

Surface mounting back box is compatible with all Maxlogic and Mavigard single field control modules and gas detectors.

Carbon-Monoxide Detectors

Carbon-monoxide is a toxic gas with explosion risk. The detectors respond audible and visual, when the gas concentration reaches to 50 ppm (parts per million).

GAS DETECTORS

Product Code	Description
AGD-1224L.VIP	Mavigard AGD Series Gas Detectors Intelligent addressable LPG (buthane+Propane) detector, 12/24V DC
AGD-1224M.VIP	Mavigard AGD Series Gas Detectos Intelligent addressable (natural-gas) methane detector, 12/24V DC
AGD-1224EC.VIP	Mavigard AGD Series Gas Detectors Intelligent addressable carbon-monoxide detector, 24V DC, electrochemical
AGD-220L.VIP	Intelligent addressable LPG detector, 230V AC
AGD-220M.VIP	Intelligent addressable natural-gas (methane) detector, 230V AC
AGD-220EC.VIP	Intelligent addressable carbon-monoxide detector, 230V DC, electrochemical

ACCESSORIES

Product Code	Description
ML-0120	Maxlogic Surface mounting back box (For Gas Detector)

Useful and ergonomical...

Intelligent Addressable Water Leakage Detector

The Intelligent addressable water leakage detector is used in places where there is a risk of water leakage.

ML-1810.SCI
Maxlogic Intelligent Addressable System Water Leakage Detector With Short Circuit Isolator

- Activation with LED indicator
- Loop powered
- 1.5 meter cable and sensing probe
- 20 m^2 protection area

MODELS

Product Code	Description
ML-1810	Maxlogic Intelligent Addressable System Water Leakage Detector
ML-1810.SCI	Maxlogic Intelligent Addressable System Water Leakage Detector with Short Circuit Isolator

Addressable Corded Emergency Panic Button

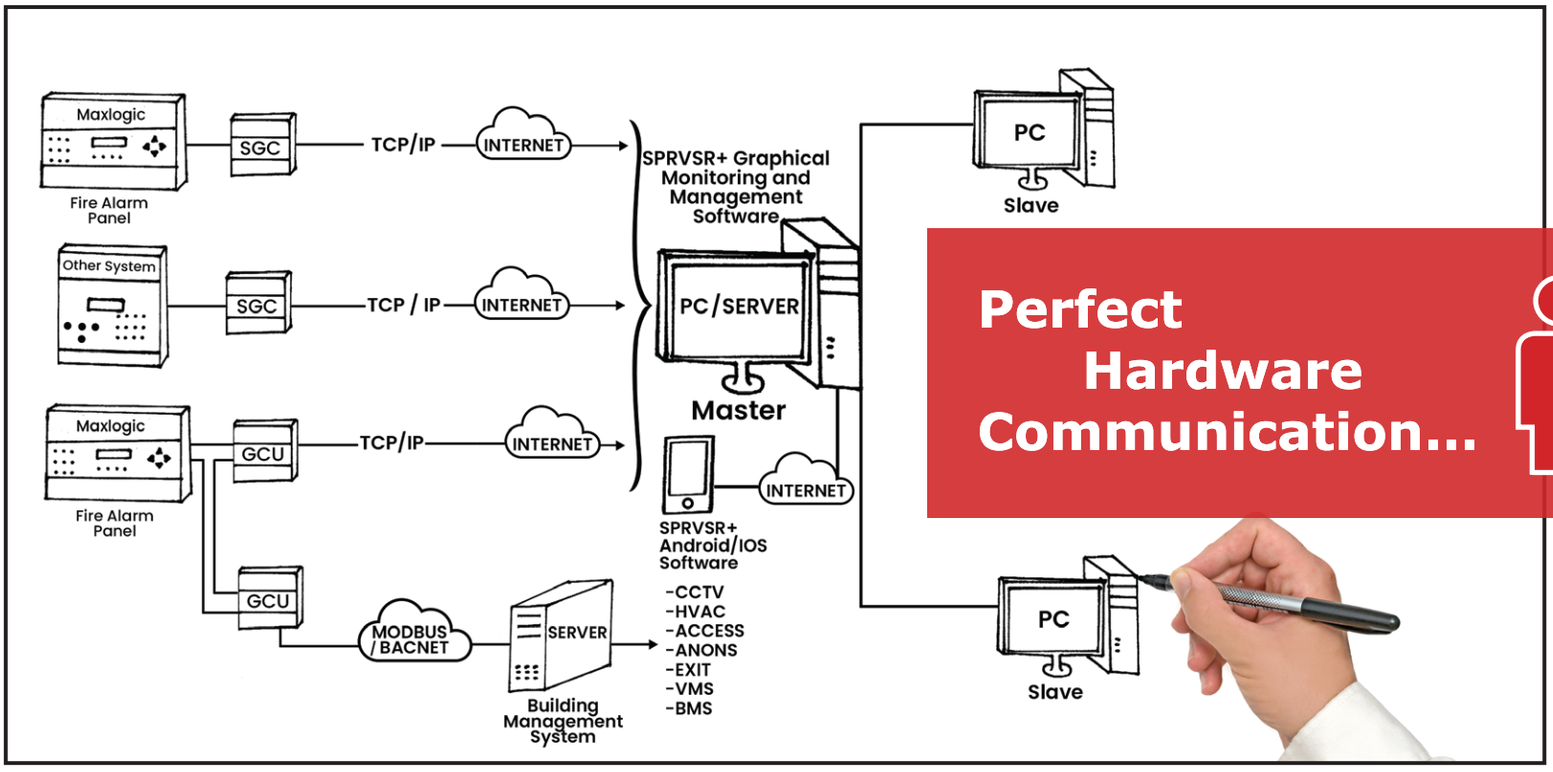
It is designed to transmit the emergency that may occur in places such as bathrooms and WCs in hospitals, hotels and similar buildings, over the addressable system, in the most accurate and fault-free manner. It can be resetted automatically without any action.

ML-1720.SCI
Maxlogic Intelligent Addressable System Corded Emergency Panic Button With Short Circuit Isolator

- Easy access and use
- Convenient and ergonomic design
- Compatible with surface and flush mount technology
- No mechanical reset required

MODELS

Product Code	Description
ML-1720	Maxlogic Intelligent Addressable System Corded Emergency Panic Button
ML-1720.SCI	Maxlogic Intelligent Addressable System Corded Emergency Panic Button With Short Circuit Isolator



Perfect Hardware Communication...

Intelligent Addressable System Communication - GCU / SGC

Maxlogic Intelligent Addressable System GCU Panel provides superior and stable operation performance with VIP communication protocol, enabling multiple fire alarm control panels running alone or in a network to communicate with Maxlogic SPRVSR+ Software and/or building management systems.

SGC Module is designed to monitor and control other systems (Maxlogic series intelligent addressable systems are excluded).

ML-1207.C
Maxlogic Intelligent Addressable System GCU Panel, TCP/IP module included

ML-12012.C
Maxlogic Other Systems SGC module TCP/IP Output

- Communication can be established over TCP/IP using Maxlogic SPRVSR+ software with GCU, without any distance limitations, whether it be near or far.
- The GCU module can interact with building management systems via Modbus/Bacnet protocol.
- Up to 63 fire alarm panels, either standalone or network-connected, can be communicated with using the Maxlogic SPRVSR+ software through a single GCU.
- SGC modules include 4 inputs ("System Fault," "Alert," "Fault," "Fire") and 4 outputs ("Alarm Cancel," "Reset," "Alarm," "Evacuation") for monitoring and controlling other systems using Maxlogic SPRVSR+ software.
- Thanks to the Maxlogic SPRVSR+ Android/IOS software, there is no need for the user to be at the computer to control and monitor the fire alarm system.
- The redundant operational structure ensures advanced reliability and uninterrupted communication.

GCU PANEL MODELS

Product Code	Description
ML-1207.C	Maxlogic Intelligent Addressable System GCU Panel, TCP/IP module included
ML-1207.G	Maxlogic Intelligent Addressable System GCU Panel, GPRS module included
ML-1207.MX	Maxlogic Intelligent Addressable System GCU Panel, Modbus module included
ML-1207.B	Maxlogic Intelligent Addressable System GCU Panel, BACnet module included
ML-1207.NTP	Maxlogic Intelligent Addressable System NTP Server Module

GCU MODULE MODELS

Product Code	Description
MLY-1207.B	Maxlogic Intelligent Addressable System GCU Bacnet Module
MLY-1207.C	Maxlogic Intelligent Addressable System TCP/IP Module
MLY-1207.G	Maxlogic Intelligent Addressable System GRPRS Module, Quad Module and Antenna included, complete
MLY-1207.MX	Maxlogic Intelligent Addressable System GCU Modbus Module

SGC MODELS

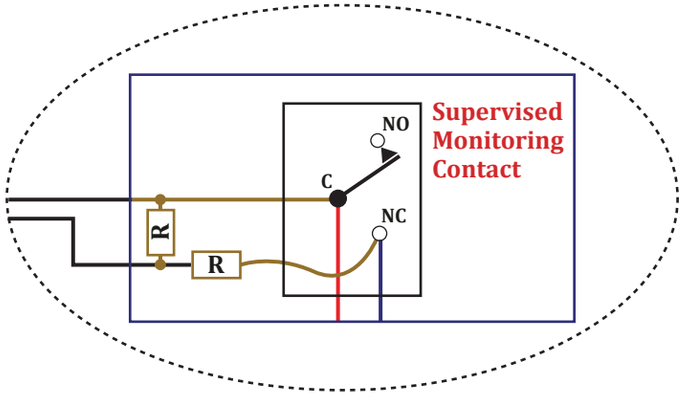
Product Code	Description
ML-12011.C	Maxlogic Intelligent Addressable System & Supervisor Communication SGC Module with TCP/IP output
ML-12012.C	Maxlogic Other Systems & Supervisor Communication SGC Module with TCP/IP output

Management and Control in your hands...

Intelligent Addressable System Input / Output Modules

Supervised Input/Output Modules, which offer superior operating performance with the VIP communication protocol, can be programmed to operate in cause-effect scenarios in order to realize fire automation.

- Compatible with EN 54-17 and EN 54-18
- Optional short circuit isolator models
- LED-indicated activation, fault and communication status
- Easy mounting with rail system



ML-1328.SCI
Maxlogic Intelligent Addressable System Swtich Monitoring Module, 8 Inputs with Short Circuit Isolator

ML-1348.SCI
Maxlogic Intelligent Addressable Zone Control Module,
8 Input with Short Circuit Isolator

ML-1352.SCI
Maxlogic Intelligent Addressable System 4 Zone Monitor,
4 Sounder Control Module with Short Circuit Isolator

Maxlogic Intelligent Addressable System Modules offers a selection of needs with; Relay Control with 8 outputs, Contact Monitoring with 8 inputs, Sounder Control with 8 outputs and Zone Control Modules with 8 inputs.

There are also options for 4 Contact Monitoring and 4 Relay Control Modules, as well as 4 Zone Monitoring and 4 Sounder Control Modules for the needs of the area.

With the LEDs on the modules, the status of the input/output lines can be easily monitored, along with the Communication and fault statuses.

ML-1373.SCI
Maxlogic Intelligent Addressable 2 Input/1 Output Module With Short Circuit Isolator

ML-1366.SCI
Maxlogic Intelligent Addressable System 4 Input/ 2 Output Module with Short Circuit Isolator

There are addressable Relay Control with 1 output capacity, Contact Monitoring with 1 input capacity, Sounder Control with 1 output capacity and Zone Control Modules with 1 input capacity which provides ease of rail mounting.

With the LEDs on the modules, System Enabled, Communication, Fault and Alarm status can be monitored.

In this model option, Input/Output (I/O) modules; It offers the chance to be used as 2 zone monitoring inputs, 1 sounder output or 2 dry contact monitoring inputs and 1 dry contact relay output.

With 4/2 Input/Output (I/O) module; 4 dry contact monitoring inputs and 2 dry contact relay outputs can be selected.

Loop Powered Modules

Relay Control and Contact Monitoring, as well as Input/Output (I/O) Modules containing Relay Control and Contact Monitoring, receive their power from the system and can be programmed to operate in cause-and-effect scenarios. Within the fire automation system, desired environmental systems can be monitored with contact monitoring inputs, and relay outputs can be used to control the desired environmental systems.

Contact monitoring inputs are used to monitor external dry contact (voltage-free) relay outputs. The contact has both normally open and normally closed operating features. The type of event the panel will detect when the contact status changes can be determined by the user.

A double-pole dry contact (voltage-free) relay output, capable of withstanding a maximum current of 30V DC, 1A, has both normally open and normally closed contact positions. The positions can be configured to provide output based on the type of event determined by the user. Short circuit isolator (SCI) models isolate the line in the event of a short circuit on the connected circuit, thanks to the built-in short circuit isolator.

External Power Supply Modules

Sounder Control, Zone Monitoring, and Input/Output (I/O) Modules containing Siren Control and Zone Monitoring require an external power source of 18-30V DC. Zone monitoring inputs are used to monitor detectors and buttons operating in conventional systems. The type of event the panel will detect when the input status changes can be determined by the user.

It can be activated as desired within the fire automation using 24V DC 500mA sounder outputs. It can be configured to provide output based on the type of event determined by the user. Short circuit isolator (SCI) models isolate the line in the event of a short circuit on the connected circuit, thanks to the built-in short circuit isolator.

LOOP POWERED MODULE MODELS

Product Code	Description
ML-1318	Maxlogic Intelligent Addressable System Relay Control Module, 8 Output
ML-1318.SCI	Maxlogic Intelligent Addressable System Relay Control Module, 8 Output with Short Circuit Isolator
ML-1328	Maxlogic Intelligent Addressable System Switch Monitor Module, 8 Input
ML-1328.SCI	Maxlogic Intelligent Addressable System Switch Monitor Module, 8 Input with Short Circuit Isolator
ML-1351	Maxlogic Intelligent Addressable System 4/4 Input/Output (I/O) Module, 4 Switch Monitor, 4 Relay Output
ML-1351.SCI	Maxlogic Intelligent Addressable System 4/4 Input/Output (I/O) Module, 4 Switch Monitor, 4 Relay Output, Short Circuit Isolator
ML-1361	Maxlogic Intelligent Addressable System Relay Control Module
ML-1361.SCI	Maxlogic Intelligent Addressable System Relay Control Module with Short Circuit Isolator
ML-1362	Maxlogic Intelligent Addressable System Switch Monitor Module
ML-1362.SCI	Maxlogic Intelligent Addressable System Switch Monitor Module with Short Circuit Isolator
ML-1363	Maxlogic Intelligent Addressable System 2 Input/1 Output Module
ML-1363.SCI	Maxlogic Intelligent Addressable System 2 Input/1 Output Module with Short Circuit Isolator
ML-1366	Maxlogic Intelligent Addressable System 4 Input/2 Output Module
ML-1366.SCI	Maxlogic Intelligent Addressable System 4 Input/2 Output Module with Short Circuit Isolator
MG-6700	Mavigard Intelligent Analogue Addressable Mains Relay Controller, 1 Way Output, 250V AC 8A
MG-6800	Mavigard Intelligent Addressable Relay Control Module,
MG-6800.SCI	3 Outputs, 250V, 8A Mavigard Intelligent Addressable Relay Control Module, 3 Outputs, 250V, 8A with Short Circuit Isolator

EXTERNAL POWER SUPPLY MODULE MODELS

Product Code	Description
ML-1338	Maxlogic Intelligent Addressable Sounder Control Module, 8 Output
ML-1338.SCI	Maxlogic Intelligent Addressable Sounder Control Module, 8 Output with Short Circuit Isolator
ML-1348	Maxlogic Intelligent Addressable Zone Control Module, 8 Input
ML-1348.SCI	Maxlogic Intelligent Addressable Zone Control Module, 8 Input with Short Circuit Isolator
ML-1352	Maxlogic Intelligent Addressable System 4/4 Input/Output (I/O) Module, 4 Zone Control, 4 Sounder Control
ML-1352.SCI	Maxlogic Intelligent Addressable System 4/4 Input/Output (I/O) Module, 4 Zone Control, 4 Sounder Control, Short Circuit Isolator
ML-1371	Maxlogic Intelligent Addressable Sounder Control Module
ML-1371.SCI	Maxlogic Intelligent Addressable Sounder Control Module With Short Circuit Isolator
ML-1372	Maxlogic Intelligent Addressable Zone Control Module
ML-1372.SCI	Maxlogic Intelligent Addressable Zone Control Module With Short Circuit Isolator
ML-1373	Maxlogic Intelligent Addressable 2 Input/1 Output Module
ML-1373.SCI	Maxlogic Intelligent Addressable 2 Input/1 Output Module With Short Circuit Isolator

SHORT CIRCUIT ISOLATOR AND ACCESSORY MODELS

Product Code	Description
ML-1380	Maxlogic Intelligent Addressable System Short Circuit Isolator
ML-1390	Maxlogic Intelligent Analogue Addressable System Short Circuit Isolator Module
ML-0320	Maxlogic 2-I/O Module Protection Box

Advance Technology Intelligent Solutions...

Intelligent Addressable Smoke Damper Modules

Developed by Mavili Electronics, Smoke Damper Module provides optimum and integrated operation of ventilation systems and fire alarm systems. Maxlogic Smoke Damper Module eliminates the need to manage a smoke damper with **multiple relays and switch monitoring modules**. Maxlogic Smoke Damper Module can perform multiple tasks with a single address in intelligent addressable fire alarm systems.

ML-1356.SCI
Maxlogic Intelligent Addressable System Smoke Damper Module, 1 Output, 24V DC, Short Circuit Isolator

- LEDs that give the operating information of the module: Green LED for power, Yellow LED for fault, Red LED for alarm, green LED lighting up continuously when damper is open or close (green led flashing when damper is opened/closed)
- 220V AC, 24V DC and 24V AC operating voltage options to suitable for all smoke dampers
- On / Off buttons for manually opening and closing the damper, On / Off inputs for switching on and off with remote control
- Open / Short circuit monitoring of damper remote control inputs
- Display of Open, Closed and Damper Fault positions of the damper module cover
- Open, Closed and Damper Fault locations of the dampers can be seen from the panel event logs and the screen of the panel
- Damper output line, remote control input, position monitoring input, detection of open / short circuit faults

- Comply to EN 54-18, models with short circuit isolators comply with EN 54-17 standards
- Controlling the motors of the damper and monitoring the position switches can be achieved with a single address.

Smoke Damper Control Panels

Smoke damper control panels are designed for monitoring and controlling smoke dampers. They can be programmed to operate within the scope of a fire scenario, allowing for fire automation.

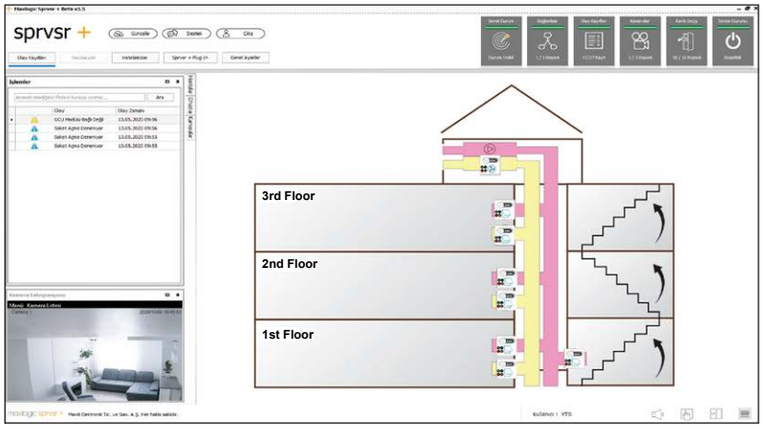
ML-1354
Maxlogic Intelligent Addressable System Smoke Damper Control Panel, 16 Way I/O Module

ML-1355
Maxlogic Intelligent Addressable System Smoke Damper Control Panel with Toggle Switch, 16 Way I/O Module

- Compatible with EN 54-4 and EN 54-18 standards
- With the position information received from the smoke dampers, Open/ Closed / Fault conditions can be displayed with LED indicators
- The 5 degree position of the position switch indicates “OFF STATUS” and the 85 degree position indicates “ON STATUS”
- Easily programmable with Loop Manager+ software

- In all cases except the Closed or Open status of the dampers; At the end of the timeout period that can be determined by the user, an fault message can be given with the LED indicator
- The intelligent addressable smoke damper control panel can be controlled automatically by the SPRVSR+ software or manually by the user

Smoke Damper Control with SPRVSR+ Software



- The damper opening and closing times can be adjusted (30, 60, 120, 240 seconds) and the monitoring inputs for damper position can be set to Active/Inactive, with the option to introduce delays to these monitoring inputs.
- If a damper fails to change position within a specified delay, it will be displayed as a damper fault on the control panel screen.
- Monitoring of Open, Closed and Damper Fault positions of Smoke Dampers
- Open / Closed commands can be send to Smoke Dampers
- Smoke Dampers can be monitored for “Fault” conditions
- Loop Manager+ software configuration can provide module Zone Numbers and Location Information
- Inclusion of scenarios to enable Smoke Dampers to be opened and smoke evacuation at the location of a fire. Also, the Smoke Dampers can be turned off in other rooms connected to the channel to prevent smoke from entering other rooms.
- Scenario to prevent the entry of smoke into escape routes such as stairs by operating the Pressurized Damper in case of fire
- For security reasons, if needed, 1st Level and 2nd Level delay assignments can be made to enable smoke dampers to open and close with a delay.

CONTROL PANEL MODELS

Product Code	Description
ML-1353	Maxlogic Intelligent Addressable System 16 Way I/O Panel
ML-1354	Maxlogic Intelligent Addressable System Smoke Damper Control Panel, 16 Way I/O Module
ML-1355	Maxlogic Intelligent Addressable System Smoke Damper Control Panel with Toggle Switch, 16 Way I/O Module

MODULE MODELS

Product Code	Description
ML-1356	Maxlogic Intelligent Addressable System Smoke Damper Module, 1 Output, 24V DC
ML-1356.SCI	Maxlogic Intelligent Addressable System Smoke Damper Module, 1 Output, 24V DC, Short Circuit Isolator
ML-1357	Maxlogic Intelligent Addressable System Smoke Damper Module, 1 Output, 24V AC
ML-1357.SCI	Maxlogic Intelligent Addressable System Smoke Damper Module, 1 Output, 24V AC, Short Circuit Isolator
ML-1358	Maxlogic Intelligent Addressable System Smoke Damper Module, 1 Output, 220V AC
ML-1358.SCI	Maxlogic Intelligent Addressable System Smoke Damper Module, 1 Output, 220V AC, Short Circuit Isolator

Intelligent Integration of Advanced Systems

Announce / Alarm Matrix Panel

The Alarm/Announcement Matrix Panel facilitates the integration of general announcement and audible alarm systems with intelligent-addressable fire alarm systems.

ML-5020
Maxlogic Announce/Alarm Matrix Panel, 19", 3U Rack mounted, with announce power module and announce output module, base model

- Indication of the active announcement module and active alarm/alert output module is provided through LEDs.
- With the internal announcement module in intelligent-addressable fire alarm panels, authorized personnel can make live announcements to the desired zones of the building through the existing announcement system in case of a fire or emergency.
- Making live announcements to the desired area of the building via the existing announcement system and/or making automatic announcements with recorded voice recordings.
- Compatible with 19", 3U rack
- Modular structure expandable up to 16 modules
- Modules can be selected as announce microphone input and / or programmable alarm / warning output
- Ability to perform announcement with 1 announce microphone to 32 announce zone
- Ability to perform announcement with 60 announce microphone to 8 announce zone
- Possibility to perform announcement with pre-recorded messages in required zones
- Notification of communication and fault conditions with LED
- Internal Power Supply

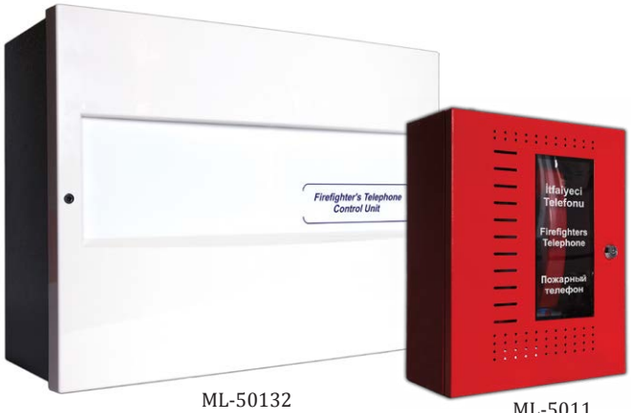
MODELS

Product Code	Description
ML-5020	Maxlogic Announce/Alarm Matrix Panel, 19", 3U Rack Mounted, with Announce Power Module and Announce Output Module, Base Model
ML-5020.AI	Maxlogic Announce Input Module
ML-5020.PO	Maxlogic Programmable Alarm/Alert Output Module
MLY-5001	Maxlogic Announce/Alarm Matrix Blank Panel

Safe and Fast Communication...

Firefighter's Telephone Control Unit

Firefighter's telephone control unit; in case of an emergency, allows the communication of authorized people with the security center or other of firefighter's telephone units.



ML-50132
Maxlogic Firefighter's Telephone Control Unit with 32 Telephone Module Capacity

ML-5011
Maxlogic Firefighter's Telephone, Complete

ML-5012
Maxlogic firefighter field telephone socket (for ML-5013)

ML-5013
Maxlogic Fireman's Field Phone Handset

ML-5014
Maxlogic firefighter portable field telephone 4 seater station

In case of an emergency, lifting a handset of firefighter's telephone or inserting a portable firefighter's telephone handset in the socket and without the need of dialing any number automatically calls the security center by "hot line" feature.

Firefighter's Telephone Control Unit

Through Firefighter's telephone unit, no need to dial for calling the fire telephones on panels and security center of firefighter's telephones. When any user call the security center, other users can be involved automatically by picking-up the handset and conference call can be done without any intervention of operator.

Firefighter's Field Telephone

In case of an emergency, lifting the handset automatically dials a pre-set central number without the need for any keypress.

MODELS

Product Code	Description
ML-5011	Maxlogic Firefighter Telephone, Complete
ML-5012	Maxlogic Firefighter Telephone Socket (for ML-5013)
ML-5013	Maxlogic Fireman's Field Phone Handset
ML-5014	Maxlogic Firefighter Portable Field Telephone 4 Seater Station
ML-50108	Maxlogic Firefighters Telephone Control Unit with 8 Telephone Module Capacity
ML-50116	Maxlogic Firefighter's Telephone Control Unit with 16 Telephone Module Capacity
ML-50132	Maxlogic Firefighter's Telephone Control Unit with 32 Telephone Module Capacity

Aesthetic and Technologic Genius...

Intelligent Addressable Loop-powered Base Sounder / Sounder Beacon / Mounting Base c/w Buzzer

Alarm devices that give audible and/or visual warning in case of fire, suitable for indoor use. It can be programmed to output at any time within the cause-effect scenario.When the detector with the base sounder gets alarm, the internal sounder gets activated and while the detector with base sounder & beacon gets alarm, internal beacon gets activated.

ML-1101
Maxlogic Intelligent Addressable System Loop Powered Based Sounder

ML-1102
Maxlogic Intelligent Addressable System Loop Powered Based Sounder & Beacon

ML-1103
Maxlogic Intelligent Addressable System Loop Powered Based Beacon

ML-0141
Mounting Base With Buzzer For Maxlogic Series Detectors

- Compatible with EN 54-3 and EN 54-23
- Specially designed for indoor use
- Loop-powered
- 85 dB sound output, 8 tones and volume control
- It can be used as a stand alone sounder/sounder beacon
- Its primary application is to be installed under intelligent Analogue addressable smoke and heat detectors to provide both detection and alarm at the same point, reducing wiring and installation costs

MODELS

Product Code	Description
ML-1101	Maxlogic Intelligent Addressable System Loop Powered Based Sounder
ML-1102	Maxlogic Intelligent Addressable System Loop Powered Based Sounder & Beacon
ML-1103	Maxlogic Intelligent Addressable System Loop Powered Based Beacon
ML-0141	Mounting Base With Buzzer For Maxlogic Series Detectors

Intelligent Addressable System Sounder / Beacon / Sounder & Beacon / Weatherproof

Intelligent-addressable sounders, beacons, and sounders with beacons; weatherproof sounders, beacons, and sounders with beacouns are auditory warning devices developed for intelligent-addressable systems. They provide superior performance and operate seamlessly with the VIP communication protocol.

ML-1480
Maxlogic Intelligent Addressable System Beacon, Weatherproof (IP65)

ML-1410
Maxlogic Intelligent Addressable System Sounder With Short Circuit Isolator

ML-1430
Maxlogic Addressable System Sounder & Beacon

ML-1450
Maxlogic Intelligent Addressable System Beacon Weatherproof (IP33)

- Compatible with EN 54-3 / EN 54-23
- Addressing convenience through software with the addressing device.
- Easily programmable by LoopManager
- Able to integrate into the cause effect scenarios
- IP33/IP65 high protection class options
- Aesthetic design
- Suitable for Outdoor use
- Compatible with MAXLOGIC series addressable panels
- PCB protected against corrosion by metal case
- Production by surface mounting technology
- Outstanding and stable running performance
- Adjustable different 32 voice tone options

IP33 CLASS SOUNDER MODELS

Product Code	Description
ML-1421	Maxlogic Intelligent Addressable Ceiling Type (C Class, IP33) Beacon
ML-1421.SCI	Maxlogic Intelligent Addressable Ceiling Type (C Class, IP33) Beacon with Short Circuit Isolator
ML-1423	Maxlogic Intelligent Addressable Wall Type (W Class, IP33) Beacon
ML-1423.SCI	Maxlogic Intelligent Addressable Wall Type (W Class, IP33) Beacon with Short Circuit Isolator
ML-1440	Maxlogic Intelligent Addressable System Sounder, Weatherproof (IP33)
ML-1440.SCI	Maxlogic Intelligent Addressable System Sounder, Weatherproof (IP33), Short Circuit Isolator
ML-1450	Maxlogic Intelligent Addressable System Beacon, Weatherproof (IP33)
ML-1450.SCI	Maxlogic Intelligent Addressable System Beacon, Weatherproof (IP33), Short Circuit Isolator
ML-1460	Maxlogic Intelligent Addressable System Sounder & Beacon, Weatherproof (IP33)
ML-1460.SCI	Maxlogic Intelligent Addressable System Sounder & Beacon, Weatherproof (IP33), Short Circuit Isolator

IP65 CLASS SOUNDER MODELS

Product Code	Description
ML-1422	Maxlogic Intelligent Addressable Ceiling Type (C Class, IP65) Beacon
ML-1422.SCI	Maxlogic Intelligent Addressable Ceiling Type (C Class, IP65) Beacon with Short Circuit Isolator
ML-1424	Maxlogic Intelligent Addressable Wall Type (W Class, IP65) Beacon
ML-1424.SCI	Maxlogic Intelligent Addressable Wall Type (W Class, IP65) Beacon with Short Circuit Isolator
ML-1470	Maxlogic Intelligent Addressable System Sounder, Weatherproof (IP65)
ML-1470.SCI	Maxlogic Intelligent Addressable System Sounder, Weatherproof (IP65), Short Circuit Isolator
ML-1480	Maxlogic Intelligent Addressable System Beacon, Weatherproof (IP65)
ML-1480.SCI	Maxlogic Intelligent Addressable System Beacon, Weatherproof (IP65), Short Circuit Isolator
ML-1490	Maxlogic intelligent addressable system sounder & beacon, weatherproof (IP65)
ML-1490.SCI	Maxlogic Intelligent Addressable System Sounder & Beacon, Weatherproof (IP65), Short Circuit Isolator

SOUNDER MODELS

Product Code	Description
ML-1410	Maxlogic Intelligent Addressable System Sounder
ML-1410.SCI	Maxlogic Intelligent Addressable System Sounder, Short Circuit Isolator
ML-1420	Maxlogic Intelligent Addressable System Beacon
ML-1420.SCI	Maxlogic Intelligent Addressable System Beacon, Short Circuit Isolator
ML-1430	Maxlogic Intelligent Addressable System Sounder & Beacon
ML-1430.SCI	Maxlogic Intelligent Addressable System Sounder & Beacon, Short Circuit Isolator

Intelligent Addressable Manual Call Point

Addressable fire alarm manual call points, designed for ease of use and according to the EN 54-11 / EN 54-17 standards, provide superior and stable performance with an innovative test switch, advanced reset structure, and convenient accessories.

ML-1710.SCI
Maxlogic Intelligent Analogue Addressable System Manual Call Point With Short Circuit Isolator

ML-1710
Maxlogic Intelligent Analogue Addressable System Manual Call Point

ML-1731.SCI
Maxlogic Intelligent Addressable Fire Alarm Manual Call Point, Resettable, Weatherproof (IP65), Short Circuit Isolator

- Compatible with EN 54-11 / EN 54-17
- Suitable for Surface mount and flush mount
- Microprocessor controlled
- Short circuit isolator models
- IP 65 protection class option
- LED indicated activation
- Easy resettable
- Outstanding and stable running performance
- Interrupt feature for detecting fire alarm within 1.5 seconds
- Production with surface mounting technology

BUTTON MODELS

Product Code	Description
ML-1710	Maxlogic Addressable System Manual Call Point, Resettable
ML-1710.SCI	Maxlogic Addressable System Manual Call Point, Resettable, with Short Circuit Isolator
ML-1731	Maxlogic Intelligent Addressable Fire Alarm Manual Call Point, Resettable, Weatherproof (IP65)
ML-1731.SCI	Maxlogic Intelligent Addressable Fire Alarm Manual Call Point, Resettable, Weatherproof (IP65), Short Circuit Isolator

ACCESSORIES

Product Code	Description
ML-0710	Maxlogic Protection Cover for Manual Call Point
PS200	Conventional Manual Call Point, Transparent Protector Cover

Intelligent and Powerful...

SMPS Power Supply

Switched-mode power supplies (SMPS) produced with surface mounting technology, featuring a sensitive and stable operational structure, are compatible with all Maxlogic & Mavigard series products.

ML-05110
Maxlogic Intelligent SMPS
Power Supply 10A

- Compatible with EN 54-4
- In the case of electrical failure, it's supplied with battery
- Automatic battery charge circuit
- Battery temperature measurement and automatic adjustment of battery
- Charge voltage with thermistor
- Earth Fault, battery fault (Charge error, battery low voltage, no battery connection) fuse fault and mains fault can be detected and monitored via power supply
- Dry contact output report the case of faults
- Protection feature against short circuits and potential faults in the city grid

MODELS

Product Code	Description
ML-0515	Maxlogic Intelligent SMPS Power Supply 5A
ML-05110	Maxlogic Intelligent SMPS Power Supply 10A

Stable Detection and Architectural Integrity...

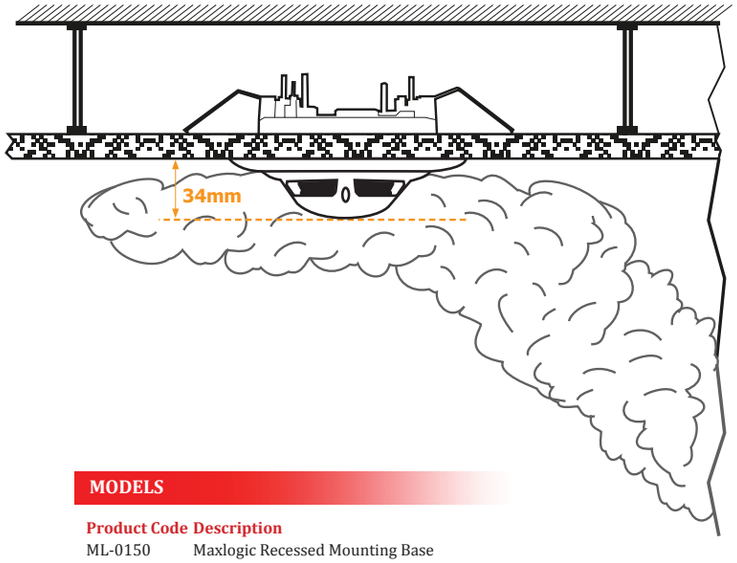
Recessed Mounting Base & Address Numerators

Recessed mounting base is used for mounting conventional and addressable detectors on false ceilings of various types (like metal, plaster etc.). The base allows creating more aesthetic architectural applications. Bases are produced from ABS and have the same color as detectors. Bases are mounted into ceiling material with minimum two clamps and stainless steel screws.

They have an ergonomic design and easy in implementing. In usual ceilings where placed addressable devices, they can be installed directly under the mounting bases of the detectors, and in false ceilings - under the false ceiling unit. Address numerators are designed to provide great convenience in finding the right device, in case of fault, malfunction, contamination, etc. Compatible with all mounting bases of Maxlogic / Mavigard detectors and ceiling additions.

ML-0150
Maxlogic Recessed
Mounting Base

ML-0101
Address Numerator
and Label Set
(For 127 devices)



MODELS

Product Code	Description
ML-0150	Maxlogic Recessed Mounting Base
ML-0101	Address Numerator and Label Set (For 127 devices)
MLY-0102	Address Numerator and Label (For 1 devices)

Selected Samples from Our References

www.mavili.com.tr/en

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