



ULTRABUS[®]
ADVANCED SERIAL BUS




MADE IN ITALY



Intrusion
Detection line



EL.MO. S.p.A.



ULTRABUS system

Power and ease of installation
with the EL.MO. serial bus

ULTRABUS is the EL.MO. product line including **addressable devices on RS485 serial bus** that change the approach to the setting-up of intrusion detection systems. These cutting-edge devices operating on ULTRABUS can be directly connected to the serial bus, as well as managed and programmed via software from a local or remote station. This way, a double result is achieved: a heavy reduction in the number of devices on the field (with consequent saving in terms of wiring and concentrators) compared to the classic devices and the opportunity to implement advanced settings. The new devices also feature smart functions: the result is a greatly improved technical profile that brings high added value to the users.



Control units

EL.MO. provides a wide range of control units that take advantage of the new ULTRABUS: control units suitable for industry (TITANIA and ETR series), control units addressed to the commercial sector (PREGIO series), and control units for residential use (such as VIDOMO2K).



Detectors

The ULTRABUS system finds his finest expression in detectors. Our product range include indoor or outdoor detectors, equipped with highly advanced functions. Most of their parameters (operative range, thresholds and sensitivity) can be completely set via remote software application.



Sirens

Besides detectors, EL.MO. introduces another highly customizable devices: the LEDA485 sirens. Indeed, users can customize and program the optical and acoustic signals according to their needs by using the BROWSERONE software.



Security fog system

NEBULA is the EL.MO. security fog system. It can saturate the environment in less than 30 seconds. The fog persists for more than 60 minutes in the environment.



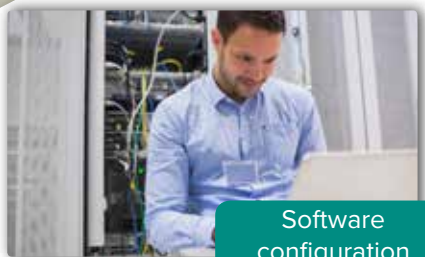
Control devices

Keypads allow interaction with the control unit and programming. EL.MO. offers several solutions including touch screen, capacitive and traditional keypads, proximity readers and system status indicators.

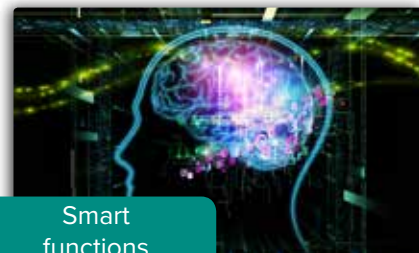


Repeaters and concentrators

In order to improve the range and flexibility of the ULTRABUS system, EL.MO. offers RPX485, a repeater that repeats, regenerates and functionally isolates the serial line. Concentrators of the RIVER series with 2,4,8 wireless or wired inputs are available.



Software configuration



Smart functions



Long range and flexibility



Costs saving



Software configuration

The ULTRABUS devices can be **completely set up via BROWSERONE software**, even from a **remote PC via LAN/WAN**, in order to make the installation and maintenance easier. It is possible to set several parameters to finely calibrate the detectors in order to adapt them to their environmental conditions. Sirens, power supply units and security fog systems can also be customized through several functions.



Smart functions

The ULTRABUS detectors can be set up via software, also using advanced functions: the **live environmental noise detection**, the **waveform REC function**, **operative range**, **thresholds and sensitivity**. For LEDA485 series sirens, you can customize the **2 multi-function LEDs** and the **optical-acoustic signaling**. Moreover, you can **control the board and battery status**, the **tank level** and see the **event log** of the NEBULA security fog system.



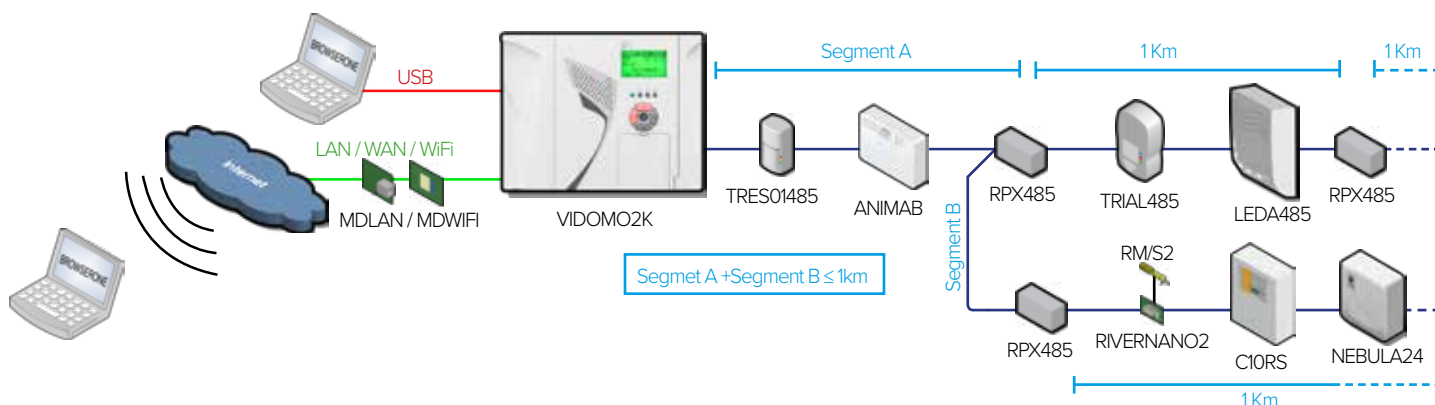
Long range and flexibility

The RPX485 repeater is an active part of the ULTRABUS systems. It repeats, regenerates and isolates the serial bus. In addition, it allows to create **star configurations**. By using 2 RPX485 repeaters, it is possible to extend the total length **up to 3 Km** and to build up large systems with a single serial bus.



Costs saving

Thanks to the direct installation of the devices on ULTRABUS, concentrators are no more necessary. Wiring is highly reduced as well, resulting in shorter installation times and reduced costs.



Control units

VIDOMO2K	PREGIO series	ETR series	TITANIA series
			
NG-TRX/ ULTRABUS / wired / wireless intrusion detection control units with 64 inputs	Wired / ULTRABUS intrusion detection control units with 24, 48 or 104 inputs	Wired / ULTRABUS intrusion detection control units with 104-128-256-512 inputs	Wired / ULTRABUS detection control unit series with 1024 inputs





Detectors




TRIAL485 series	GRIFOX485	STRIXO485	TRES01485	DT2000485	FLY485
					
Outdoor triple technology 2 IR + MW detectors with multifocal / vertical / horizontal curtain lens	Outdoor dual technology IR + MW detectors with multifocal lens	Outdoor dual technology IR + MW detectors for external walls / doors / windows protection	Indoor triple technology 2 IR+MW detector	Indoor dual technology IR+MW detector	Ceiling mount dual technology IR+MW detector

Keypads

ANIMA series	TATTILO series	NIRVA	MIDAS
			
Capacitive control and management keypads	Touch screen control and management keypads	Control and management keypads	Control and management keypads

Other devices

LEDA485 and LEDA485VOX	NEBULA	C10RS	C11RS
			
Outdoor sirens with 2 customizable LEDs and advanced voice synthesis (LEDA485VOX)	Security fog system	Power supply unit, 3 A max current	Power supply unit, 6 A max current

GATEWAY2K	RPX485	RIVER series
		
Gateway for NG-TRX systems with ULTRABUS interface	ULTRABUS repeater	Concentrators