NEBULA

Security fog system

NEBULA. Security fog system

All the intrusion detection systems act with two purposes: as a theft deterrent and to alert the police forces to intervene as soon as possible.

Often more than 10 minutes are required for the arrival of the security personnel, when the theft deterrent function is totally disattended.

EL.MO., in their costant process of R&D, offers the best solution for this type of problem.

This solution is NEBULA, a security fog system that in few seconds saturates the environment with a nebulized chemical compound that, with its high density, and the effect of the light refraction, obstructing vision even a few inches away. The effect is to prevent that the criminals can find objects, open safes or vaults, thus leaving them as the only way to escape immediately.

» NEBULA is embedded in all EL.MO. intrusion detection systems

» NEBULA saturated environment in less than 30 second

» NEBULA emits a dry fog composed with a mixture of water and glycol totally harmless for people and animals

» The fog in the local persists for more than 60 minutes but NEBULA can be programmed for repeated releases prolonging the effect

» The fog is dispersed in about 20 minutes of ventilation in the room without leaving any trace on any equipment or other objects

» NEBULA also acts in large environments over 500 cubic meters

» NEBULA has extremely reduced management costs

» Available versions with ULTRABUS connection

Advantages of ULTRABUS connection:

» Configuration via software

» Remote control of board, battery and tank level

» Event log

ULTRABUS
ADVANCED SERIAL BUS

EL.MO. SPA

NEBULA12

NEBULA12	
Product code	SNNEB0001300
Dimensions	W318 x H316 x D176mm
Weight	13 Kg
Cartridge capacity	1,1 litres
Ejections	8 ejections 30sec.
Connection for configuration	TCP/IP Ethernet or ULTRABUS
Fluid life	2 years
Installation	Wall or ceiling mount
ULTRABUS interface	Yes
Inputs / Outputs	4 programmable inputs 4 programmable relay outputs 2 power outputs add components DC12V 150mA
Parts supplied	Fixing brackets, 0° inclination nozzle, 2 backup batteries DC12V 1,3Ah
Power consumption	60W average
Power supply	AC 230 V

Saturation capacity:
150m³ in 60"

ULTRABUS
ADVANCED SERIAL BUS

NEBULA24

NEBULA24	
Product code	SNNEB0001100
Dimensions	W310 x H464 x D200mm
Weight	24 Kg
Cartridge capacity	1,6 litres
Ejections	8 ejections 60sec.
Connection for configuration	TCP/IP Ethernet or ULTRABUS
Fluid life	2 years
Installation	Wall or ceiling mount
ULTRABUS interface	Yes
Inputs / Outputs	4 programmable inputs 4 programmable relay outputs 2 power outputs add components DC12V 150mA
Parts supplied	Fixing brackets, 0° inclination nozzle, 2 backup batteries DC12V 1,3Ah
Power consumption	60W average
Power supply	AC 230 V

Saturation capacity:
300m³ in 60"

ULTRABUS
ADVANCED SERIAL BUS

NEBULA39

NEBULA39	
Product code	SNNEB0000700
Dimensions	W340 x H560 x D170mm
Weight	30 Kg
Cartdridge capacity	1,6 litres
Ejections	5 ejections 60sec.
Connection for configuration	TCP/IP Ethernet
Fluid life	2 years
Installation	Wall or ceiling mount
Inputs / Outputs	4 programmable inputs 4 programmable relay outputs 2 power outputs add components DC12V 150mA
Parts supplied	Fixing brackets, 0° inclination nozzle, 2 backup batteries DC12V 1,3Ah
Power consumption	70W average
power supply	AC 230 V

Saturation capacity:
400m³ in 60"

NEBULA78

NEBULA78	
Product code	SNNEB0000800
Dimensions	W340 x H760 x D170mm
Weight	38 Kg
Cartdridge capacity	3,1 litres
Ejections	6 ejections 60sec
Connection for configuration	TCP/IP Ethernet
Fluid life	2 years
Installation	Wall or ceiling mount
Inputs / Outputs	4 programmable inputs 4 programmable relay outputs 2 power outputs add components DC12V 150mA
Parts supplied	Fixing brackets, 0° inclination nozzle, 2 backup batteries DC12V 1,3Ah
Power consumption	80W
Power supply	AC 230 V

Saturation capacity:
600m³ in 60"

NEBULA12 NEBULA24 NEBULA39 NEBULA78