

UR FOG



Speed
and density
make
the difference

**MODULAR
PLUS**
Line



UR FOG
SECURITY FOGGING SYSTEMS

U
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R
D



UR FOG Group



NOREL MESHWAVE

Is a company that develops and manufactures electronic systems for different fields of application.

Since the company's foundation, in 2004, we have designed and produced boards for cars, trucks, boats, trains, airplanes, helicopters and industrial machines for both civil and military users. Our expertise range from system engineering to hardware/firmware design, EMC compliance and certification, boards manufacturing and consulting services.



TECHNOWAVE INTERNATIONAL

Is the business unit following international sales of UR FOG group.

Based in Minsk, Republic of Belarus.

It is specialized in sales and support of security fogging systems and wireless mesh technology.

Technowave actually follows distributors, OEM and large system integrators in more than 50 countries.

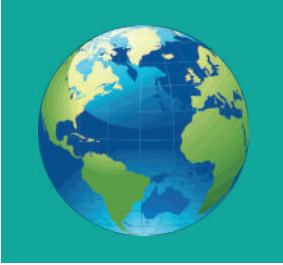
Yuliya Koleichick, CEO of Technowave International Ltd, has been supporting all UR FOG international sales from the start of UR FOG group, following all stages of product developments to the establishment of the international sales channels.



STEMAR s.n.c.

Is a precision mechanical workshop.

That was born in 2011 from the experience of the partners Luca and Paolo in the aeronautical field. The company is able to deal with complete mechanical processes such as milling, turning, grinding, welding, assembling of prototypes and series, construction of equipment and processing on any type of material. Stemar has a technical office on CAD CAM system programming and a department dedicated to products testing.



WE DESIGN, PATENT AND PRODUCE FOGGING SYSTEM TECHNOLOGY

UR Fog is the most innovative and powerful anti-intrusion system on the market.

A team of professionals and engineers with over 20 years of experience in the development of new products and distribution management all over the world.

We are market leader in the security sector

Thanks to the high quality and superior technology of our products, guaranteed by the company's in-house technical expertise and patents protecting technological innovations.

UR Fog's philosophy is simple:

the best performing products at the best price with a focus on quality control.

UR Fog's exceptional fog emission speed performance is certainly the easiest way to compare with other existing systems.

Given the real and effective potential of this innovative security system, a rapidly expanding and growing market in business and demand has opened up, with sales volume expected to increase more than 20 times over the next 5 years.



Our quality and performance are certified worldwide

UR FOG machines have been developed, thanks to the internal R&D team and laboratories, with innovative solutions for security and fully respecting international approvals and regulations

Fogging machines have EMC, FCC, CE approvals and EN 50131-8:2019 certification.

The fog fluid is certified by EUROFINS, one of the largest multinational companies for chemical, cosmetic, medicine certification, as not toxic for humans and animals and the fluid content is not in contrast with any Islamic country regulation. Products have been already sold in over 80 worldwide countries.



Modular 2 Plus

Security fogging systems



COMPACT AND POWERFUL

Small and powerful, expandible and very flexible.

Modular 2 PLUS is equipped with the powerful C PLUS board.

Main news are:

- Front panel made of plastic material to simplify wireless communication
- Internal side riser for optional boards
- It accepts positive (PNP) or negative (NPN) signals
- It is possible to set "active security" or "passive security"
- 4 cabled inputs
- 5 cabled relay outputs (free contacts)
- 4 internal slots for optional boards

UR Fog fogging systems are innovative in their technology and performances, in order to guarantee the most effective protection against thefts and they have different patents.

UR Fog fogging systems are certified after European regulation. Fog fluid is assessed as not dangerous for people and animals and does not leave residuals.

OPTIONAL ACCESSORIES



Desk stand



Orientable wall bracket



Side and top riser



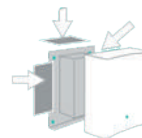
2Ah battery



Powerful and fast fogging system, can cover up to **600 m³ in 28 seconds** (200 m³ recommended visibility)



It is very easy to change and with a very competitive price.



It is possible to add optional boards inside the cabinet, such as alarm centrals, sensors, etc.



A unique serial bus to plug on the electronic board an add on card that allows to easily interface the machine with alarms and to control the fogging system even from remote. A standard protocol is available for all machines.



Thanks to the massive insulation UR FOG fogging systems have a very low power consumption and can shoot for a long time in absence of mains power; temperature is constantly stable.

Long lasting operation time without mains

The innovative thermal insulation of the heater allows UR Fog systems to work for a long period of time without mains power: from 1,5 h up to 3,5h!

MODULAR PLUS Line

200

Modular 2 Plus

GENERAL SPECIFICATIONS

Compact Cabinet	yes
Weight of the fogging system	8 KG
Overall packaging weight	11 KG
Units on 100×120 cm pallet	36
Dimensions of the fogging system	30 x13 xH39
Size of the packaging	36 x19 xH45
Colors	white
Operating time without mains power	over 1 hour
Heating time	over 1 hour
Vertical mounting	yes
Horizontal mounting	yes
Usb port/serial for computer monitoring (Windows and Linux)	yes
Serial bus for standard protocol	yes
Alarm kit	optional

ELECTRICAL SPECIFICATIONS

Power supply	220/110 V
Average consumption	37 W
Heater max power in start	170 W
Backup battery	yes

STANDARD

CE certification	yes
Certified fog fluid	yes
Compliant to the current europeans regulations	yes

FOGGING SYSTEM

New "layer" heating system	yes
Single shot coverage (1,5 m visibility)	600 m ³
Single shot coverage (recommended visibility)	200 m ³
Maximum emission time in a single shot	28 sec
Total discharge capability with full bag	1275 m ³
Number of bags	1
Amount of fluid in the bag	750 ml
Shot characteristics	programmable in sec.
Number of bags included	1
4 cabled inputs: arming, shooting, programmable input and verification sensor (PIR). First three accept positive (PNP) or negative (NPN) signals. It is possible to set "active security" or "passive security"	yes
5 relay cabled outputs: fault, programmable output, empty bag, low battery/lack of power supply and shooting confirmation	yes
Serial interface rs232	yes
Standard communication protocol	yes
Top internal riser for optional boards	yes
Side internal riser optional boards	yes
Front panel made of plastic material to simplify wireless communication	yes
Internal multi slot to insert more expansion boards at once (3 slots)	yes

Modular 3 Plus

Security fogging systems



COMPACT AND POWERFUL

Small and powerful, expandable and very flexible.
Modular 3 PLUS is equipped with the powerful C PLUS board.

Main news are:

- Front panel made of plastic material to simplify wireless communication
- Internal side riser for optional boards
- It accepts positive (PNP) or negative (NPN) signals
- It is possible to set "active security" or "passive security"
- 4 cabled inputs
- 5 cabled relay outputs (free contacts)
- 4 internal slots for optional boards

UR Fog fogging systems are innovative in their technology and performances, in order to guarantee the most effective protection against thefts and they have different patents.

UR Fog fogging systems are certified after European regulation. Fog fluid is assessed as not dangerous for people and animals and does not leave residuals.

OPTIONAL ACCESSORIES



Desk stand



Orientable wall bracket



Side and top riser



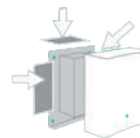
2Ah battery



Powerful and fast fogging system, can cover up to **900 m³ in 40 seconds** (300 m³ recommended visibility)



It is very easy to change and with a very competitive price.



It is possible to add optional boards inside the cabinet, such as alarm centrals, sensors, etc.



A unique serial bus to plug on the electronic board an add on card that allows to easily interface the machine with alarms and to control the fogging system even from remote. A standard protocol is available for all machines.



Thanks to the massive insulation UR FOG fogging systems have a very low power consumption and can shoot for a long time in absence of mains power; temperature is constantly stable.

Long lasting operation time without mains

The innovative thermal insulation of the heater allows UR Fog systems to work for a long period of time without mains power: from 1,5 h up to 3,5h!

MODULAR PLUS Line

300

Modular 3 Plus

GENERAL SPECIFICATIONS

Compact Cabinet	yes
Weight of the fogging system	8 KG
Overall packaging weight	9 KG
Units on 100×120 cm pallet	36
Dimensions of the fogging system	30 x13 xH39
Size of the packaging	36 x19 xH45
Colors	white
Operating time without mains power	over 1 hour
Heating time	over 1 hour
Vertical mounting	yes
Horizontal mounting	yes
Usb port/serial for computer monitoring (Windows and Linux)	yes
Serial bus for standard protocol	yes
Alarm kit	optional

ELECTRICAL SPECIFICATIONS

Power supply	220/110 V
Average consumption	37 W
Heater max power in start	170 W
Backup battery	yes

STANDARD

CE certification	yes
Certified fog fluid	yes
Compliant to the current european regulations	yes

FOGGING SYSTEM

New "layer" heating system	yes
Single shot coverage (1,5 m visibility)	900 m ³
Single shot coverage (recommended visibility)	300 m ³
Maximum emission time in a single shot	40 sec
Total discharge capability with full bag	1275 m ³
Number of bags	1
Amount of fluid in the bag	750 ml
Shot characteristics	programmable in sec.
Number of bags included	1
4 cabled inputs: arming, shooting, programmable input and verification sensor (PIR). First three accept positive (PNP) or negative (NPN) signals. It is possible to set "active security" or "passive security"	yes
5 relay cabled outputs: fault, programmable output, empty bag, low battery/lack of power supply and shooting confirmation	yes
Serial interface rs232	yes
Standard communication protocol	yes
Top internal riser for optional boards	yes
Side internal riser optional boards	yes
Front panel made of plastic material to simplify wireless communication	yes
Internal multi slot to insert more expansion boards at once	yes

Modular 4 Plus

Security fogging systems



COMPACT AND POWERFUL

Small and powerful, expandable and very flexible.
Modular 4 PLUS is equipped with the powerful C PLUS board.

Main news are:

- Front panel made of plastic material to simplify wireless communication
- Internal side riser for optional boards
- It accepts positive (PNP) or negative (NPN) signals
- It is possible to set “active security” or “passive security”
- 4 cabled inputs
- 5 cabled relay outputs (free contacts)
- 4 internal slots for optional boards

UR Fog fogging systems are innovative in their technology and performances, in order to guarantee the most effective protection against thefts and they have different patents.

UR Fog fogging systems are certified after European regulation. Fog fluid is assessed as not dangerous for people and animals and does not leave residuals.

OPTIONAL ACCESSORIES



Desk stand



Orienable wall bracket



Side and top riser



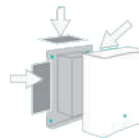
2Ah battery



Powerful and fast fogging system, can cover up to **1200 m³ in 46 seconds** (400 m³ recommended visibility)



It is very easy to change and with a very competitive price.



It is possible to add optional boards inside the cabinet, such as alarm centrals, sensors, etc.



A unique serial bus to plug on the electronic board an add on card that allows to easily interface the machine with alarms and to control the fogging system even from remote. A standard protocol is available for all machines.



Thanks to the massive insulation UR FOG fogging systems have a very low power consumption and can shoot for a long time in absence of mains power; temperature is constantly stable.

Long lasting operation time without mains

The innovative thermal insulation of the heater allows UR Fog systems to work for a long period of time without mains power: from 1,5 h up to 3,5h!

MODULAR PLUS Line

400

Modular 4 Plus

GENERAL SPECIFICATIONS

Compact Cabinet	yes
Weight of the fogging system	8,5 KG
Overall packaging weight	9,5 KG
Units on 100×120 cm pallet	36
Dimensions of the fogging system	30 x13 xH39
Size of the packaging	36 x19 xH45
Colors	white
Operating time without mains power	over 1 hour
Heating time	over 2 hours
Vertical mounting	yes
Horizontal mounting	yes
Usb port/serial for computer monitoring (Windows and Linux)	yes
Serial bus for standard protocol	yes
Alarm kit	optional

ELECTRICAL SPECIFICATIONS

Power supply	220/110 V
Average consumption	48 W
Heater max power in start	280 W
Backup battery	yes

STANDARD

CE certification	yes
Certified fog fluid	yes
Compliant to the current european regulations	yes

FOGGING SYSTEM

New "layer" heating system	yes
Single shot coverage (1,5 m visibility)	1200 m ³
Single shot coverage (recommended visibility)	400 m ³
Maximum emission time in a single shot	46 sec
Total discharge capability with full bag	1275 m ³
Number of bags	1
Amount of fluid in the bag	750 ml
Shot characteristics	programmable in sec.
Number of bags included	1
4 cabled inputs: arming, shooting, programmable input and verification sensor (PIR). First three accept positive (PNP) or negative (NPN) signals. It is possible to set "active security" or "passive security"	yes
5 relay cabled outputs: fault, programmable output, empty bag, low battery/lack of power supply and shooting confirmation	yes
Serial interface rs232	yes
Standard communication protocol	yes
Top internal riser for optional boards	yes
Side internal riser optional boards	yes
Front panel made of plastic material to simplify wireless communication	yes
Internal multi slot to insert more expansion boards at once	yes

Modular 5 Plus

Security fogging systems



COMPACT AND POWERFUL

Small and powerful, expandable and very flexible.
Modular 5 PLUS is equipped with the powerful C PLUS board.

Main news are:

- Front panel made of plastic material to simplify wireless communication
- Internal side riser for optional boards
- It accepts positive (PNP) or negative (NPN) signals
- It is possible to set “active security” or “passive security”
- 4 cabled inputs
- 5 cabled relay outputs (free contacts)
- 4 internal slots for optional boards

UR Fog fogging systems are innovative in their technology and performances, in order to guarantee the most effective protection against thefts and they have different patents.

UR Fog fogging systems are certified after European regulation. Fog fluid is assessed as not dangerous for people and animals and does not leave residuals.

OPTIONAL ACCESSORIES



Desk stand



Orientable wall bracket



Side and top riser



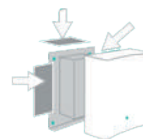
2Ah battery



Powerful and fast fogging system, can cover up to **1500 m³ in 48 seconds** (500 m³ recommended visibility)



It is very easy to change and with a very competitive price.



It is possible to add optional boards inside the cabinet, such as alarm centrals, sensors, etc.



A unique serial bus to plug on the electronic board an add on card that allows to easily interface the machine with alarms and to control the fogging system even from remote. A standard protocol is available for all machines.



Thanks to the massive insulation UR FOG fogging systems have a very low power consumption and can shoot f or a long time in absence of mains power; temperature is constantly stable.

Long lasting operation time without mains

The innovative thermal insulation of the heater allows UR Fog systems to work for a long period of time without mains power: from 1,5 h up to 3,5h!

MODULAR PLUS Line

500

Modular 5 Plus

GENERAL SPECIFICATIONS

Compact Cabinet	yes
Weight of the fogging system	9 KG
Overall packaging weight	10 KG
Units on 100×120 cm pallet	36
Dimensions of the fogging system	30 x13 xH39
Size of the packaging	36 x19 xH45
Colors	white
Operating time without mains power	over 1 hour
Heating time	over 2 hours
Vertical mounting	yes
Horizontal mounting	yes
Usb port/serial for computer monitoring (Windows and Linux)	yes
Serial bus for standard protocol	yes
Alarm kit	optional

ELECTRICAL SPECIFICATIONS

Power supply	220/110 V
Average consumption	48 W
Heater max power in start	280 W
Backup battery	yes

STANDARD

CE certification	yes
Certified fog fluid	yes
Compliant to the current europeans regulations	yes

FOGGING SYSTEM

New "layer" heating system	yes
Single shot coverage (1,5 m visibility)	1500 m ³
Single shot coverage (recommended visibility)	500 m ³
Maximum emission time in a single shot	48 sec
Total discharge capability with full bag	1275 m ³
Number of bags	1
Amount of fluid in the bag	750 ml
Shot characteristics	programmable in sec.
Number of bags included	1
4 cabled inputs: arming, shooting, programmable input and verification sensor (PIR). First three accept positive (PNP) or negative (NPN) signals. It is possible to set "active security" or "passive security"	yes
5 relay cabled outputs: fault, programmable output, empty bag, low battery/lack of power supply and shooting confirmation	yes
Serial interface rs232	yes
Standard communication protocol	yes
Top internal riser for optional boards	yes
Side internal riser optional boards	yes
Front panel made of plastic material to simplify wireless communication	yes
Internal multi slot to insert more expansion boards at once	yes

Modular 8 Plus

Security fogging systems



COMPACT AND POWERFUL

Small and powerful, expandable and very flexible.
Modular 8 PLUS is equipped with the powerful C PLUS board.

Main news are:

- Front panel made of plastic material to simplify wireless communication
- Internal side riser for optional boards
- It accepts positive (PNP) or negative (NPN) signals
- It is possible to set “active security” or “passive security”
- 4 cabled inputs
- 5 cabled relay outputs (free contacts)
- 4 internal slots for optional boards

UR Fog fogging systems are innovative in their technology and performances, in order to guarantee the most effective protection against thefts and they have different patents.

UR Fog fogging systems are certified after European regulation. Fog fluid is assessed as not dangerous for people and animals and does not leave residuals.

OPTIONAL ACCESSORIES



Desk stand



Orientable wall bracket



Side and top riser



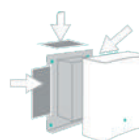
2Ah battery



Powerful and fast fogging system, can cover up to **2400 m³ in 69 seconds** (800 m³ recommended visibility)



It is very easy to change and with a very competitive price.



It is possible to add optional boards inside the cabinet, such as alarm centrals, sensors, etc.



A unique serial bus to plug on the electronic board an add on card that allows to easily interface the machine with alarms and to control the fogging system even from remote. A standard protocol is available for all machines.



Thanks to the massive insulation UR FOG fogging systems have a very low power consumption and can shoot for a long time in absence of mains power; temperature is constantly stable.

Long lasting operation time without mains

The innovative thermal insulation of the heater allows UR Fog systems to work for a long period of time without mains power: from 1,5 h up to 3,5h!

MODULAR PLUS Line

800

Modular 8 Plus

GENERAL SPECIFICATIONS

Compact Cabinet	yes
Weight of the fogging system	9,5 KG
Overall packaging weight	10,5 KG
Units on 100×120 cm pallet	36
Dimensions of the fogging system	30 x13 xH39
Size of the packaging	36 x19 xH45
Colors	white
Operating time without mains power	over 1 hour
Heating time	over 2 hours
Vertical mounting	yes
Horizontal mounting	yes
Usb port/serial for computer monitoring (Windows and Linux)	yes
Serial bus for standard protocol	yes
Alarm kit	optional

ELECTRICAL SPECIFICATIONS

Power supply	220/110 V
Average consumption	48 W
Heater max power in start	280 W
Backup battery	yes

STANDARD

CE certification	yes
Certified fog fluid	yes
Compliant to the current europeans regulations	yes

FOGGING SYSTEM

New "layer" heating system	yes
Single shot coverage (1,5 m visibility)	2400 m ³
Single shot coverage (recommended visibility)	800 m ³
Maximum emission time in a single shot	69 sec
Total discharge capability with full bag	1700 m ³
Number of bags	1
Amount of fluid in the bag	1000 ml
Shot characteristics	programmable in sec.
Number of bags included	1
4 cabled inputs: arming, shooting, programmable input and verification sensor (PIR). First three accept positive (PNP) or negative (NPN) signals. It is possible to set "active security" or "passive security"	yes
5 relay cabled outputs: fault, programmable output, empty bag, low battery/lack of power supply and shooting confirmation	yes
Serial interface rs232	yes
Standard communication protocol	yes
Top internal riser for optional boards	no
Side internal riser optional boards	yes
Front panel made of plastic material to simplify wireless communication	yes
Internal multi slot to insert more expansion boards at once	yes

Fluids

MODULAR PLUS Line

ANTI-INTRUSION FLUID

WHITE OUT

White Out is a mixture created to generate a real wall of fog in seconds.

The formula has been designed and optimized to generate the densest and highest persistence fog, so to ensure zero visibility into the premises.

ANTI-INTRUSION FLUID

WHITE OUT FOOD GRADE

White Out Food Grade is the innovative mixture designed to safeguard food productions, processing and sales environments.

FOOD CONTACT certificate for FOOD & BEVERAGE departments.



1 FOGGING SYSTEM 4 FUNCTIONS



DISINFECTANT FLUID

PuriFog Biotect AV by UR Fog

DISINFECTING ALL PREMISES IN A FEW MINUTES

The disinfectant is authorised for the use with fogging systems.

ELIMINATES VIRUSES, FUNGI AND BACTERIA

Disinfects rooms, tools and surfaces in healthcare, community and food environments.

Detergent Disinfectant for rooms and surfaces authorised.

Medical and Surgical Device N° 20711



HYGIENIZING FLUID

PuriFog by UR Fog

HYGIENIZING AND CLEANING QUICKLY

PuriFog is a hygienizing system researched for everyday use.

It thoroughly cleans and hygienizes any environment.

When atomised, it cleans and hygienizes the air and all surfaces it comes into contact with, its efficiency is more 1,700 times higher than a normal spray system.

It captures 99.9% of micro-particulates in the air and removes over 99% of bacteria.

INSECTICIDE FLUID

Insectfog by UR Fog

The nebulized fluid for **eliminating crawling and flying insects** from all premises.

Effective and powerful, it saves you from calling the pest control company and you can activate it immediately whenever it is necessary.

Suitable for disinfecting businesses, warehouses, stores, homes, cellars, greenhouses, nurseries and all indoor environments.

Insectfog is a ready-to-use insecticide based on Natural Pyrethus.

Medical and Surgical Device N° 11068



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