UR FOG

UR FOG
MADE IN ITALY
PRODUCT

**Speed and density
that make the difference**

SECURITY FOGGING SYSTEMS

Catalogue
2024

UR FOG

THE FIRST WORLD MANUFACTURER OF FOGGING SYSTEMS

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 product development and distribution management all over the world.

We are market leader in the security sector.
Thanks to the high quality and superior tecnology 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.

The company is certified **UNI EN ISO 9001:2015** for the Design, production and marketing of anti-intrusion fogging systems.

UR FOG machines have been developed, thanks to the internal R&D team and laboratories, with innovative solutions for security and fully respecting internationals approvals and regulations.
Fogging machines have **EMC**, **FCC** , **CE** and **EN 50131-8:2019** certification.

N. 2672 QM

FIRST ONES TO HAVE CERTIFIED THEIR FOGGING SYSTEMS ACCORDING TO THE STRICT **EN 50131-8:2019**.
For the evaluation of its fogging systems UR FOG has relied on the accredited body APPLICA Tests & Certification AS, Norway, which has also certified the real saturation capacity, the density of fog over time, concentration, opacity and persistence.
That is why the data provided in the manuals and data sheets of UR Fog are not indicative and theoretical but real and above all certified.

The only certified Anti-Intrusion Fogging Systems for the protection of food production, processing and sales environments.

1

R & D

Engineering and design department.
Chemical area department.

TESTING & TEST AREAS

of fogging systems

Cabins and test areas both indoors and outdoors for fog delivery and fog saturation.

PRODUCTION

Components production and assembly.
Development and production of flat mica heaters.
Electronic board test area and firmware upload.

Fluid bags and cylinders fluid filling and production.

APP
UR FOG AR

AUGMENTED REALITY APP

The only App that allows to measure the room to be protected, selects the right fogging system, places the fogging system in the room and simulates the shot and the saturation of the room.

Download on the App Store

Download on the Google Play

MARKETING

Marketing department, web, graphics.

The UR FOG AR App is free, download and try!

UR FOG GROUP

STEMAR Srl

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**.

NOREL Srl

**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 ltd

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 80 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.

ROBOTECH Srl

Robotech srl Is a company with over 20 years experience
in research and development of robotic solutions and electronic
boards plus firmware.

WHY traditional alarm systems
are useful but not enough to prevent theft.

17% thefts avoided

Active security systems such as anti-theft devices, sensors, infrared, perimeter, volumetric protections and surveillance cameras in most cases are ignored by certain criminals. The only function these systems have is reporting an intrusion, but not blocking it.

Passive security systems such as armoured doors and glass, gratings, anti-intrusion bars or railings are prone to being burglarized by criminals and consequently are ineffective. Everything that can be broken, in many cases, does not block the intrusion and action of criminals to carry out thefts.

Security guards or **private security** can be subject to aggression by criminals and turned into ineffective.

In general, less **than 3 minutes** are enough to commit a crime, as the criminals first observe where to go and what to steal.
Minimum 15 minute for the **Police** to arrive on the spot, except for inconveniences and in general to theft already occurred ...

WHY install the **fogging system**.

97% thefts avoided

Alarm control unit sends the signal to fogging system installed, activates the emition of a thick, white and impenetrable artificial fog:

IMMEDIATE BLOCK
ALREADY AT ATTEMPT TO INTRUDE CRIMINALS

IN FEW SECONDS
ZERO VISIBILITY

MAKING **IMPOSSIBLE ANY ACTION.**

Criminals disoriented by the environment saturated with thick fog, which makes **everything invisible**, are dissuaded from the attempted intrusion/theft and concentrate on finding a way out.
Furthermore, the persistence of fog saturation favours the arrival time and intervention by the police.

SOLUTIONS FOR THE PROTECTION OF SMALL, MEDIUM AND LARGE ENVIRONMENTS.
Some types of commercial, business, banking and private environments for the installation of fogging systems

Banks and Atm	Post offices and Atm	Mobile phone shop
Electrinics & Appliances stores	Optical shops	Restaurant, Pubs and Bars
Slot machines and Casino	Cash-in Cash-out machines. Safes	Jewelry stores
Offices	Medical offices	Food and no food Supermarkets
Money Exchange	Caveau	Firing range
Munition stores and armoury storages	Homes	Clothing stores production and Warehouses
Petrol station shops	Motorways automatic pay toll	Perfume shops
Motorcycle and scooter dealers	Car dealers	Bicycle and E-bike shops
Shelter Telecommunications	Garages	Tobbacconists
Pharmacies	Warehouses	Industrial factories

UR FOG

Always one step ahead in R&D to develop new technologies for market needs.

DOUBLE CYLINDER TECHNOLOGY

Patented double cylinder technology.

Thanks to a brand new patent the cylinders are the best solution to shoot the fog faster.

The double cylinder system is electronically controlled thus allowing the automatic change to the second cylinder once the first is exhausted, even during the shot.

The cylinders are easy to replace and disposable.

■ **FAST** PRO PLUS
Line

MECHANICAL PUMP TECHNOLOGY

UR FOG FOG STORM Pump

Patent of new Fog Storm technology on heating systems with better performances in fog ejection, speed and fog quantity.

The FOG STORM Pump and **"LAYER" heating** exchange systems technology for a fast and very dry fog shoot. Disposable recharge, very easy to replace, at a very competitive price.

■ **FAST PUMP** PRO PLUS
Line

■ **MODULAR**
Line

"LAYER" HEATING TECHNOLOGY

"LAYER" heating

Designed and built for the greatest fog fluid diffusion to increase the firing time and better the quality and quantity of the fog emitted.

■ **MODULAR** PLUS
Line

BATTERY TECHNOLOGY

TEMPEST

Battery-operated.

Proprietary technology covered by two international patents.

Self-balanced shooting system (**patented**).

■ **BAT 300**
TEMPEST TECHNOLOGY

NEW

COMPACT FOG EXCHANGE SYSTEM TECHNOLOGY

Low power consumption.
Small size and high performances.

■ **COMPACT** 390

Adjustable nozzle with anti-tampering tamper.

Adjustable nozzle to direct the shot in an optimal way.
Tamper to signal and prevent nozzle clogging. Development and **patent** of nozzle tamper feature.
For Fast Pro Plus and Fast Pump Pro Plus fogging systems.

Patented serial protocol for expansion boards.

Standard for all fogging systems.

INTEGRATION WITH ALARM PANELS

UR FOG fogging systems are compatible with all alarm panels.

Some of the main alarm manufacturers are compliant with "**UR FOG** READY" certification
thanks to a **full integration** that allows to manage completely **UR FOG** units
from **the alarm panel and from applications and cloud.**

UR FOG
READY

ALARM PANELS INTEGRATED IN BUS OR WIRELESS

UR FOG READY
CROW Electronic Engineering Ltd

UR FOG READY
HIKVISION®

UR FOG READY
Johnson Controls

UR FOG READY
Orisec

UR FOG READY
ELKRON The key to security

UR FOG READY
EL.MO. SPA Global Security Solutions

UR FOG READY
inim

UR FOG READY
COMBIVOX ENJOY LIFE, SAFELY.

UR FOG READY
dahua TECHNOLOGY

UR FOG READY
unii

UR FOG READY
Climax

UR FOG READY
TRIKDIS

AJAX
UR FOG partner oficial AJAX

AJAX ‹ READY ›

UR FOG READY
NEXTec PROTEZIONE E SICUREZZA MADE IN ITALY

FAST
PRO PLUS
Line

	FAST 03 1C PRO PLUS	FAST 03 2C PRO PLUS	FAST 02 2C PRO PLUS	FAST 01 2C PRO PLUS
Max fog emitted in single shot	200 m³	200 m³	400 m³	1200 m³
Maximum shooting time	15 sec.	15 sec.	25 sec.	70 sec.
Max fog emitted with full cylinders	1000 m³	2000 m³	2000 m³	2400 m³
Cylinders	1 cylinder	**2 cylinders**	**2 cylinders**	**2 cylinders**
Fog tank capacity	600 ml	600 ml	600 ml	600 ml
Working time without mains power	Around 2 hours	Around 2 hours	Around 2 hours	Around 2,5 hours
Heating time	Around 50 min.	Around 50 min.	Around 90 min.	Around 2,5 hours
Vertical mounting	Yes	Yes	Yes	Yes
Horizontal mounting	Yes	Yes	Yes	Optional (35°)
Serial bus RS232	Yes	Yes	Yes	Yes
Power consumption	37 W	37 W	42 W	60 W
Back up battery	2 Ah 12V	2 Ah 12V	2 Ah 12V	2 Ah 12V
Electronic board	Plus	Plus	Plus	Plus
Cabinet	Steel	Steel	Steel	Steel
Non-toxic fog certification	Yes	Yes	Yes	Yes
Standard European certifications	Yes	Yes	Yes	Yes
Heater	300 W	300 W	300 W	600 W
Shooting time programmable in seconds	Yes	Yes	Yes	Yes
Nozzle tamper	Yes	Yes	Yes	Yes
Product code (VRT)	F3SN2201CPRO	F3SN2202CPRO	F2SN2202CPRO	F1SN2202CPRO
Product code (HRZ)	F3SN2201CPROH	F3SN2202CPROH	F2SN2202CPROH	F1SN2202CPROH

FAST PRO PLUS ELECTRONIC BOARD
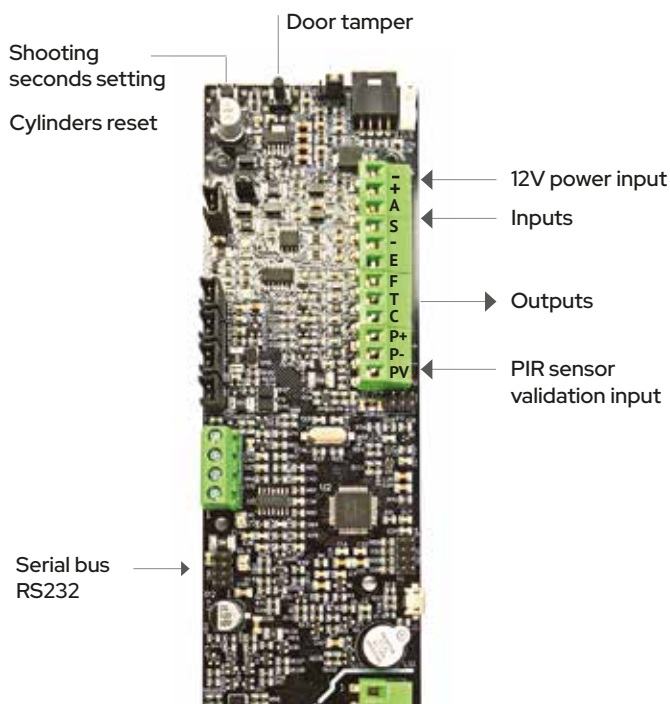
Shooting seconds setting
Cylinders reset
Door tamper
12V power input
Inputs
Outputs
PIR sensor validation input
Serial bus RS232

INPUTS

+	+12V power input
–	GND power input
ARM	Arming input
SHOOT	Shooting input
–	GND

OUTPUTS

EMPTY	Empty cylinder output
FAULT	Fault output
TAMPER	Tamper output
CONFIRM	Shot confirmation output

PIR SENSOR VALIDATION INPUT

P+	+12V for PIR power supply
P–	GND for PIR power supply / COM. PIR
PV	N.C. PIR

Features
FAST PRO PLUS Line

Professional line

Powerful and speed fogging systems with cylinders technology. Available for professional use and where a high security technology effiency is required.
Advanced plus board with 3 inputs, 4 outputs and a rechargeable 2 Ah battery (not included). Stronger Cabinet Pro.

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 by European regulation. Fog fluid is assessed as not dangerous for people and animals and does not leave residuals.

Double cylinder patented technology

One of our patent and the best way to emit fog, thanks to the automatic switch between the first and the second cylinder (when the first one is empty). They are disposable and easy to replace.
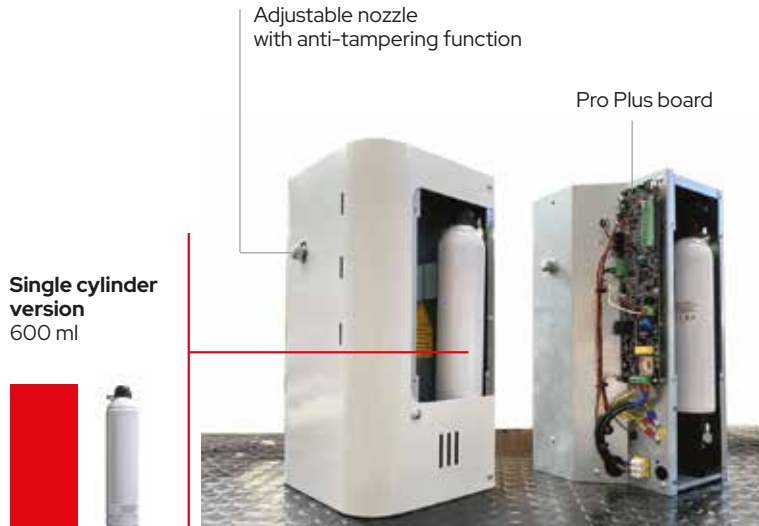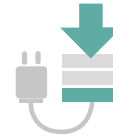

Vertical recharge 600 ml

Horizontal recharge 600 ml

Exclusive patented system that allows to detect automatically if the **nozzle** has been obstructed by sending a signal in case of tampering.

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 remains stable over time.
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 2 h up to 3 h!

A **serial bus** allows to add additional boards to each UR FOG system for an easier **interface with all kinds of alarm centrals**.

Adjustable nozzle with anti-tampering function

Pro Plus board
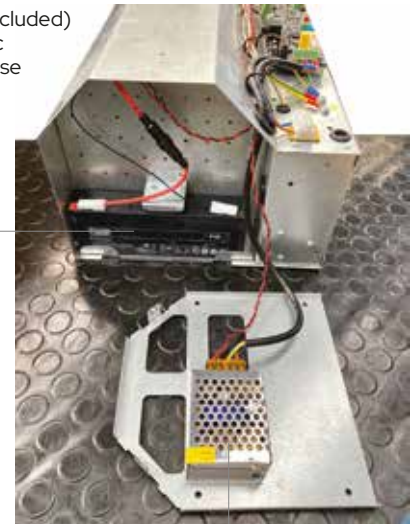

Single cylinder version
600 ml

Steel cabinet

Double cylinders version 600 ml

Predisposition for 2Ah 12V battery (not included) to power the electronic board and motors in case of mains power failure

Power supply for the electronic board and motors

FAST 03 1C PRO PLUS

Weight of the fogging machine	around 14 Kg
Weight with packaging	around 15 Kg
Units on one pallet (100×120 cm)	24
Dimension of the machine	L 27,0 x W 21,5 x H 43,5 cm
Dimension of the packaging	L 37,0 x W 25,0 x H 47,0 cm
Color	white
Working time without mains power	around 2 hours
Heating time from cold	around 50 minutes
Vertical mounting	yes
Horizontal mounting	yes
Usb port for computer monitoring	yes
Nozzle tamper	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	optional

New heating system "Layer"	yes
Coverage in a single shot (visibility more than 1,5 m)	up to 600 m³
Coverage in a single shot (visibility less than 1 m)	up to 200 m³
Max seconds of fog emission	15 sec
Max fog emitted with full fog tank	1000 m³
Number of cylinders	1
Fog tank capacity	1 x 600 ml
Shooting specification	programmable in seconds
Cylinder model	vertical / horizontal
Cylinder included	1

ELECTRICAL SPECIFICATIONS

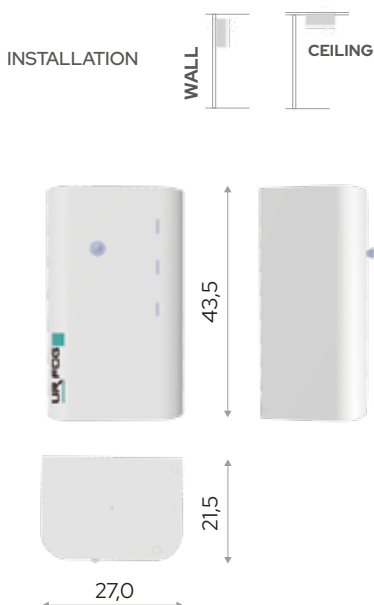|	
Mains power	230 V or 120 V
Average power consumption	37 W
2 Ah 12V back up battery (not included)	yes
Optional demo / antirobbery kit	yes
Inputs wired arming and shooting	yes
Outputs wired	yes
Standard communication protocol	yes

Fog emission and saturation:

up to **600 m³** in **15 seconds**
(200 m³ visibility less than 1 m)

The ideal fogging system to protect small volume spaces, shops, homes and generally all professional applications where top security technology is needed.

It is arranged to an easy wall installation and it has a lower compartment to equip boards or accessories if needed.

INSTALLATION

WALL

CEILING

43,5

21,5

27,0

FOG FLUID CERTIFIED

Complies with european
CE

Meets EUROPEAN Standard

FAST 03 2C PRO PLUS

Weight of the fogging machine	around 14 Kg
Weight with packaging	around 15 Kg
Units on one pallet (100×120 cm)	24
Dimension of the machine	L 27,0 x W 21,5 x H 43,5 cm
Dimension of the packaging	L 37,0 x W 25,0 x H 47,0 cm
Color	white
Working time without mains power	around 2 hours
Heating time from cold	around 50 minutes
Vertical mounting	yes
Horizontal mounting	yes
Usb port for computer monitoring	yes
Nozzle tamper	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	optional

New heating system "Layer"	yes
Coverage in a single shot (visibility more than 1,5 m)	up to 600 m³
Coverage in a single shot (visibility less than 1 m)	up to 200 m³
Max seconds of fog emission	15 sec
Max fog emitted with full fog tank	2000 m³
Number of cylinders	2
Fog tank capacity	2 x 600 ml
Shooting specification	programmable in seconds
Cylinder model	vertical / horizontal
Cylinder included	2

ELECTRICAL SPECIFICATIONS

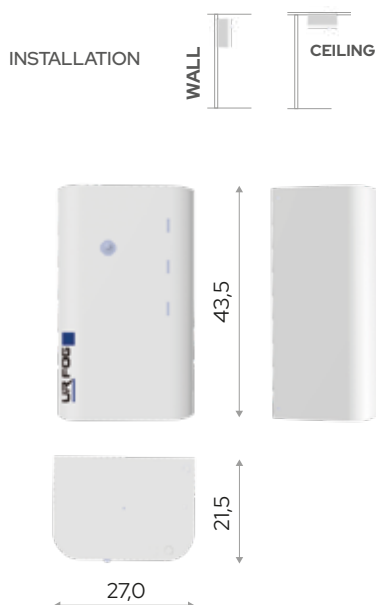|	
Mains power	230 V or 120 V
Average power consumption	37 W
2 Ah 12V back up battery (not included)	yes
Optional demo / antirobbery kit	yes
Inputs wired arming and shooting	yes
Outputs wired	yes
Standard communication protocol	yes

Fog emission and saturation:

up to 600 m³ in 15 seconds
(200 m³ visibility less than 1 m)

The ideal fogging system to protect small volume spaces, shops, homes and generally all professional applications where top security technology is needed.

It is arranged to an easy wall installation and it has a lower compartment to equip boards or accessories if needed.

INSTALLATION

WALL

CEILING

43,5

21,5

27,0

FOG FLUID CERTIFIED

Complies with european CE

Meets EUROPEAN Standard

FAST 02 2C PRO PLUS

Weight of the fogging machine	around 18 Kg
Weight with packaging	around 20 Kg
Units on one pallet (100×120 cm)	24
Dimension of the machine	L 27,0 x W 21,5 x H 43,5 cm
Dimension of the packaging	L 37,0 x W 25,0 x H 47,0 cm
Color	white
Working time without mains power	around 2 hours
Heating time from cold	around 90 minutes
Vertical mounting	yes
Horizontal mounting	yes
Usb port for computer monitoring	yes
Nozzle tamper	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	optional

New heating system "Layer"	yes
Coverage in a single shot (visibility more than 1,5 m)	up to 1200 m³
Coverage in a single shot (visibility less than 1 m)	up to 400 m³
Max seconds of fog emission	25 sec
Max fog emitted with full fog tank	2000 m³
Number of cylinders	2
Fog tank capacity	2 x 600 ml
Shooting specification	programmable in seconds
Cylinder model	vertical / horizontal
Cylinder included	2

ELECTRICAL SPECIFICATIONS

Mains power	230 V or 120 V
Average power consumption	42 W
2 Ah 12V back up battery (not included)	yes
Optional demo / antirobbery kit	yes
Inputs wired arming and shooting	yes
Outputs wired	yes
Standard communication protocol	yes

Fog emission and saturation:

up to **1200 m³** in **25 seconds**
(400 m³ visibility less than 1 m)

The ideal fogging system to protect medium areas like large shops, homes, and generally all professional applications where top security technology is needed.
It is very fast and competitive.

It is arranged to an easy wall installation and it has a lower compartment to equip boards or accessories if needed.

INSTALLATION

WALL   CEILING

43,5

21,5

27,0

FOG FLUID **CERTIFIED**

Complies with european
CE

Meets **EUROPEAN** Standard

11

FAST 01 2C PRO PLUS

Weight of the fogging machine	around 29 Kg
Weight with packaging	around 31 Kg
Units on one pallet (100×120 cm)	12
Dimension of the machine	L 36,0 x W 28,5 x H 43,5 cm
Dimension of the packaging	L 51,0 x W 39,0 x H 51,0 cm
Color	white
Working time without mains power	around 2,5 hours
Heating time from cold	around 2,5 hours
Vertical mounting	yes
Horizontal mounting	optional (35°)
Usb port for computer monitoring	yes
Nozzle tamper	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	optional

New heating system "Layer"	yes
Coverage in a single shot (visibility more than 1,5 m)	up to 3600 m³
Coverage in a single shot (visibility less than 1 m)	up to 1200 m³
Max seconds of fog emission	70 sec
Max fog emitted with full fog tank	2400 m³
Number of cylinders	2
Fog tank capacity	2 x 600 ml
Shooting specification	programmable in seconds
Cylinder model	vertical
Cylinder included	2

ELECTRICAL SPECIFICATIONS

Mains power	230 V or 120 V
Average power consumption	60 W
2 Ah 12V back up battery (not included)	yes
Optional demo / antirobbery kit	yes
Inputs wired arming and shooting	yes
Outputs wired	yes
Standard communication protocol	yes

Fog emission and saturation:

up to 3600 m³ in 70 seconds
(1200 m³ visibility less than 1 m)

The most powerful machine in the market, ideal to protect large areas like big shops, warehouses, superstores or even to protect targets in open space.

It is arranged to an easy wall installation and it has a side compartment to equip boards or accessories if needed.

INSTALLATION

WALL

35° CEILING BRACKET

43,5

28,5

36,0

FOG FLUID **CERTIFIED**

Complies with european **CE**

Meets **EUROPEAN Standard**

ACCESSORIES AND REFILLS

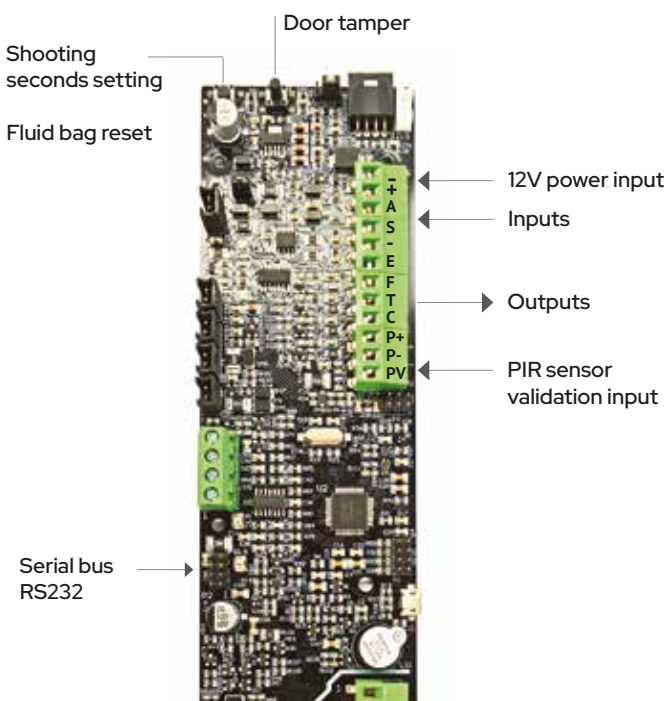|	Code		FAST 03 1C PRO PLUS	FAST 03 2C PRO PLUS	FAST 02 2C PRO PLUS	FAST 01 2C PRO PLUS
	F1M06BOMORZ	**Cylinder 600 ml HRZ**				
	F1M06BOM	**Cylinder 600 ml VRT**				
	F23PRUG7	**Nozzle extention 7cm**				
	F1M03UG3	**3 holes nozzle**				
	F23KITD	**Demo kit :** key + keyfob/receiver + button				
	F23STHPROR	**Wall bracket**				
	F01STH	**Wall bracket**				
	F01CB35	**35° celing bracket**				
	URRE	**Relay board**				
	URREAC	**Relay board for mounting with Active Cloud board**				
	URRS232	**Transceiver rs232 5/12 V**				
	URCLWF	**Active Cloud LAN/WiFi board** (optional WiFi antenna)				
	URCLWFA	**WiFi antenna module for Active Cloud**				
	URCLWFPP	**Mounting Kit for Active Cloud board:** flat cable pro plus + 3X20 mm spacers				
	URCLWF014	**External mounting Kit for Active Cloud board:** plastic box + external flat cable + 1X24 mm rubber + 2X16 mm rubbers				

FAST PUMP
PRO PLUS
Line

	FAST 250 PUMP PRO PLUS	FAST 500 PUMP PRO PLUS	FAST 1500 PUMP PRO PLUS	FAST 6000 PUMP PRO PLUS WIDE	FAST 14000 PUMP PRO PLUS WIDE
Max fog emitted in single shot	250 m³	500 m³	1500 m³	2000 m³	4500 m³
Maximum shooting time	30 sec.	30 sec.	70 sec.	80 sec.	200 sec.
Max fog emitted with full fog bag	1700 m³	1700 m³	1700 m³	6800 m³	9000 m³
Pump	FOG STORM	FOG STORM	FOG STORM	FOG STORM	FOG STORM
Fog tank capacity	1000 ml	1000 ml	1000 ml	4000 ml	5000 ml
Working time without mains power	Around 2 hours	Around 2 hours	Around 2,5 hours	Around 3 hours	Around 4 hours
Heating time	Around 50 min.	Around 90 min.	Around 2,5 hours	Around 2,5 hours	Around 5 hours
Vertical mounting	Yes	Yes	Yes	Yes	Yes
Horizontal mounting	Yes	Yes	Optional (35°)	No	No
Serial bus with standard protocol	Yes	Yes	Yes	Yes	Yes
Power consumption	37 W	42 W	60 W	60 W	80 W
Back up battery	2 Ah 12V	2 Ah 12V	2 Ah 12V	7,2 Ah 12V	7,2 Ah 12V
Electronic board	Plus	Plus	Plus	Plus	Plus
Cabinet	Steel	Steel	Steel	Steel	Steel
Non-dangerous fog certification	Yes	Yes	Yes	Yes	Yes
Standard European certifications	Yes	Yes	Yes	Yes	Yes
Heater	300 W	300 W	600 W	600 W	600 W
Shooting time programmable in seconds	Yes	Yes	Yes	Yes	Yes
Nozzle and door tamper - Adjustable nozzle	Yes	Yes	Yes	Yes	Yes
Product code	FPU250PP	FPU500PP	FPU1500PP	FPU6000PP	FPU14000PP

FAST PUMP PRO PLUS ELECTRONIC BOARD

Shooting seconds setting

Door tamper

Fluid bag reset

12V power input

Inputs

Outputs

PIR sensor validation input

Serial bus RS232

INPUTS

+	+12V power input
-	GND power input
ARM	Arming input
SHOOT	Shooting input
-	GND

OUTPUTS

EMPTY	Empty fluid bag output
FAULT	Fault output
TAMPER	Tamper output
CONFIRM	Shot confirmation output

PIR SENSOR VALIDATION INPUT

P+	+12V for PIR power supply
P-	GND for PIR power supply / COM. PIR
PV	N.C. PIR

Features
FAST PUMP PRO PLUS Line

The unique line from smallest to largest volumes

The "**LAYER**" **heating technology** and the **FOG STORM Pump**, both UR FOG patents, give the FAST PUMP line the unique flexibility to protect small, medium and large volumes up to 14000 m³.

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 by European regulation. Fog fluid is assessed as not dangerous for people and animals and does not leave residuals.

Disposable recharge, very easy to replace, at a very competitive price.

Exclusive patented system that allows to detect automatically if the **nozzle** has been obstructed by sending a signal in case of tampering.
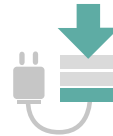
Thanks to the massive insulation UR FOG fogging systems have a very **low power consumption** and can shoot for a long time in absence of mains power; temperature remains stable over time.
Long lasting operation time without mains.
The innovative thermal insulation of the heater allows UR FOG systems to work for a long period of time without mains power: from 2 h up to 4 h!

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

Adjustable nozzle
with anti-tampering function

Pro Plus board
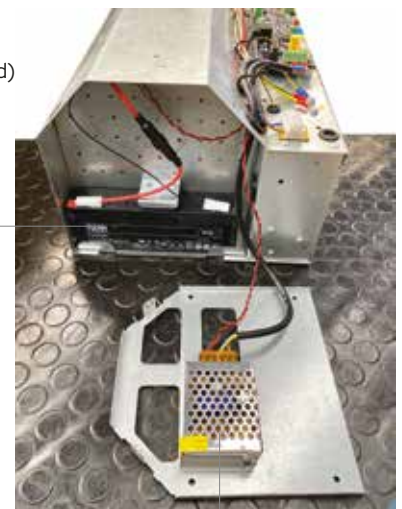
UR FOG
FOG STORM Pump

Fluid bag

UR FOG
FOG STORM Pump

Specially designed to work with high-glycol percentage fluids

Predisposition for
2Ah - 7,2Ah 12V battery (not included) to power the electronic
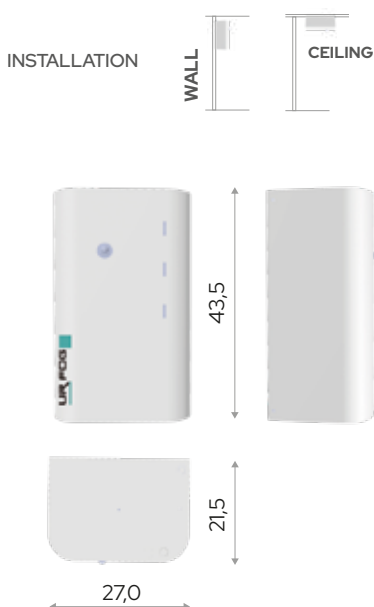board and pump in case of mains power failure

Power supply
for the electronic board

FAST 250 PUMP
PRO PLUS

Weight of the fogging machine	around 14 Kg
Weight with packaging	around 15 Kg
Units on one pallet (100×120 cm)	24
Dimension of the machine	L 27,0 x W 21,5 x H 43,5 cm
Dimension of the packaging	L 38,0 x W 26,0 x H 53,0 cm
Color	white
Working time without mains power	around 2 hours
Heating time from cold	around 50 minutes
Vertical mounting	yes
Horizontal mounting	yes
Usb port for computer monitoring	yes
Nozzle tamper	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	opzional

Heating system "Layer"	yes
Coverage in a single shot (visibility more than 1,5 m)	up to 750 m³
Coverage in a single shot (visibility less than 1 m)	up to 250 m³
Max seconds of fog emission	30 sec
Max fog emitted with full fog bag	1700 m³
Number of bag	1
Fog tank capacity	1 x 1000 ml
Shooting specification	programmable in seconds
Bag included	1

ELECTRICAL SPECIFICATIONS

Mains power	230 V or 120 V
Average power consumption	37 W
2 Ah 12V back up battery (not included)	yes
Pir sensor validation input	yes
Shot confirmation output	yes
Power supply	yes

Fog emission and saturation:

up to 750 m³ in 30 seconds
(250 m³ visibility less than 1 m)

A powerful and fast fogging system, ideal to protect small and medium areas like shops, homes, banks and generally all professional applications where a top security technology is needed.

It is arranged to an easy wall installation and it has a lower compartment to equip boards or accessories if needed.

INSTALLATION WALL CEILING

43,5

21,5

27,0

FOG FLUID CERTIFIED

Complies with european CE

Meets EUROPEAN Standard

EN 50131-8:2019

FAST 500 PUMP
PRO PLUS

Weight of the fogging machine	around 16 Kg
Weight with packaging	around 17 Kg
Units on one pallet (100×120 cm)	24
Dimension of the machine	L 27,0 x W 21,5 x H 43,5 cm
Dimension of the packaging	L 38,0 x W 26,0 x H 53,0 cm
Color	white
Working time without mains power	around 2 hours
Heating time from cold	around 90 minutes
Vertical mounting	yes
Horizontal mounting	yes
Usb port for computer monitoring	yes
Nozzle tamper	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	opzional

Heating system "Layer"	yes
Coverage in a single shot (visibility more than 1,5 m)	up to 1500 m³
Coverage in a single shot (visibility less than 1 m)	up to 500 m³
Max seconds of fog emission	30 sec
Max fog emitted with full fog bag	1700 m³
Number of bag	1
Fog tank capacity	1 x 1000 ml
Shooting specification	programmable in seconds
Bag included	1

Fog emission and saturation:

up to **1500 m³** in **30 seconds**
(500 m³ visibility less than 1 m)

A powerful and fast fogging system, ideal to protect small and medium areas like shops, homes, banks and generally all professional applications where a top security technology is needed.

It is arranged to an easy wall installation and it has a lower compartment to equip boards or accessories if needed.

ELECTRICAL SPECIFICATIONS

Mains power	230 V or 120 V
Average power consumption	42 W
2 Ah 12V back up battery (not included)	yes
Pir sensor validation input	yes
Shot confirmation output	yes
Power supply	yes

INSTALLATION

WALL   CEILING

43,5

21,5

27,0

FOG FLUID **CERTIFIED**

Complies with european
CE

Meets **EUROPEAN** Standard

EN 50131-8:2019

FAST 1500 PUMP
PRO PLUS

UR FOG
FOG STORM

Fogging system with patented **PUMP** and **"LAYER"** heating **TECHNOLOGIES**

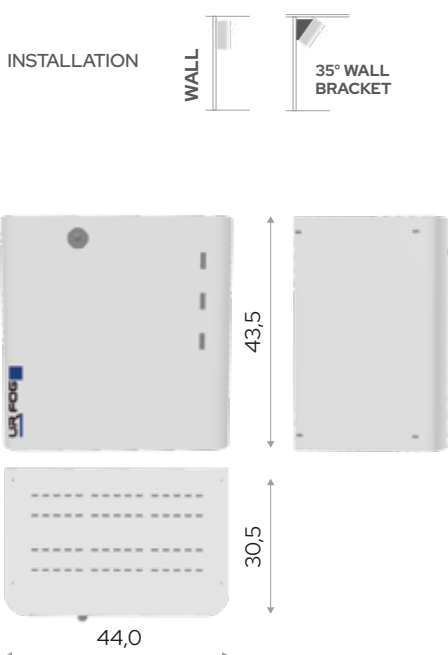|	
Weight of the fogging machine	around 29 Kg
Weight with packaging	around 31 Kg
Units on one pallet (100×120 cm)	12
Dimension of the machine	L 36,0 x W 28,5 x H 43,5 cm
Dimension of the packaging	L 51,0 x W 39,0 x H 52,5 cm
Color	white
Working time without mains power	around 2,5 hours
Heating time from cold	around 2,5 hours
Vertical mounting	yes
Horizontal mounting	optional (35°)
Usb port for computer monitoring	yes
Nozzle tamper	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	opzional

Fog emission and saturation:

up to 4500 m³ in 70 seconds
(1500 m³ visibility less than 1 m)

A powerful and fast fogging system, ideal to protect large areas like big shops, warehouses, superstores or even to protect targets in open space.

It is arranged to an easy wall installation and it has a lower compartment to equip boards or accessories if needed.

Heating system "Layer"	yes
Coverage in a single shot (visibility more than 1,5 m)	up to 4500 m³
Coverage in a single shot (visibility less than 1 m)	up to 1500 m³
Max seconds of fog emission	70 sec
Max fog emitted with full fog bag	1700 m³
Number of bag	1
Fog tank capacity	1 x 1000 ml
Shooting specification	programmable in seconds
Bag included	1

ELECTRICAL SPECIFICATIONS

Mains power	230 V or 120 V
Average power consumption	60 W
2 Ah 12V back up battery (not included)	yes
Pir sensor validation input	yes
Shot confirmation output	yes
Power supply	yes

INSTALLATION

WALL

35° CEILING BRACKET

43,5

28,5

36,0

FOG FLUID CERTIFIED

Complies with european
CE

Meets **EUROPEAN** Standard

FAST 6000 PUMP
PRO PLUS WIDE

Weight of the fogging machine	around 49 Kg
Weight with packaging	around 52 Kg
Units on one pallet (100×120 cm)	4
Dimension of the machine	L 44,0 x W 30,5 x H 43,5 cm
Dimension of the packaging	L 61,0 x W 49,0 x H 62,5 cm
Color	white
Working time without mains power	around 3 hours
Heating time from cold	around 2,5 hours
Vertical mounting	yes (bracket included)
Horizontal mounting	no
Usb port for computer monitoring	yes
Nozzle tamper	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	opzional

Heating system "Layer"	yes
Coverage in a single shot (visibility more than 1,5 m)	up to 6000 m³
Coverage in a single shot (visibility less than 1 m)	up to 2000 m³
Max seconds of fog emission	80 sec
Max fog emitted with full fog bag	6800 m³
Number of bag	1
Fog tank capacity	1 x 4000 ml
Shooting specification	programmable in seconds
Bag included	1

ELECTRICAL SPECIFICATIONS

Mains power	230 V or 120 V
Average power consumption	80 W
7,2 Ah 12V back up battery (not included)	yes
Pir sensor validation input	yes
Shot confirmation output	yes
Power supply	yes

Fog emission and saturation:

up to 6000 m³ in 80 seconds
(2000 m³ visibility less than 1 m)

A powerful and fast fogging system, ideal to protect large areas like big shops, warehouses, superstores or even to protect targets in open space.

It is arranged to an easy wall installation (bracket included)
and it has a side compartment to equip boards or accessories if needed.

INSTALLATION

WALL

35° WALL BRACKET

43,5

30,5

44,0

FAST 14000 PUMP
PRO PLUS WIDE

Weight of the fogging machine	around 59 Kg
Weight with packaging	around 63 Kg
Units on one pallet (100×120 cm)	4
Dimension of the machine	L 44,0 x W 30,5 x H 43,5 cm
Dimension of the packaging	L 61,0 x W 49,0 x H 62,5 cm
Color	white
Working time without mains power	around 4 hours
Heating time from cold	around 5 hours
Vertical mounting	yes (bracket included)
Horizontal mounting	no
Usb port for computer monitoring	yes
Nozzle tamper	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	opzional

Heating system "Layer"	yes
Coverage in a single shot (visibility more than 1,5 m)	up to 14000 m³
Coverage in a single shot (visibility less than 1 m)	up to 4500 m³
Max seconds of fog emission	200 sec
Max fog emitted with full fog bag	9000 m³
Number of bag	1
Fog tank capacity	1 x 5000 ml
Shooting specification	programmable in seconds
Bag included	1

ELECTRICAL SPECIFICATIONS

Mains power	230 V or 120 V
Average power consumption	80 W
7,2 Ah 12V back up battery (not included)	yes
Pir sensor validation input	yes
Shot confirmation output	yes
Power supply	yes

Fog emission and saturation:

up to 14000 m³ in 200 seconds
(4500 m³ visibility less than 1 m)

A powerful and fast fogging system, ideal to protect large areas like big shops, warehouses, superstores or even to protect targets in open space.

It is arranged to an easy wall installation (bracket included) and it has a side compartment to hold boards or accessories if needed.
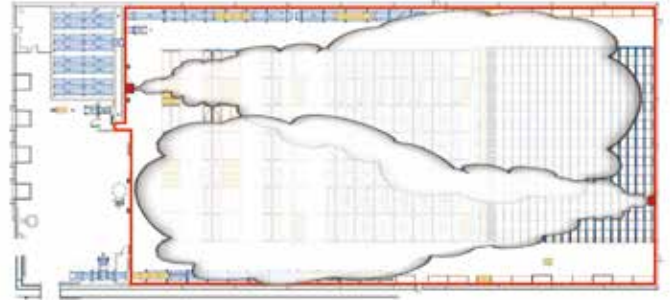
INSTALLATION

WALL

43,5

30,5

44,0

The protection capacity of over 10 fogging systems in just 1 fogging system

FAST 6000 PUMP
PRO PLUS WIDE

Solution with UR FOG

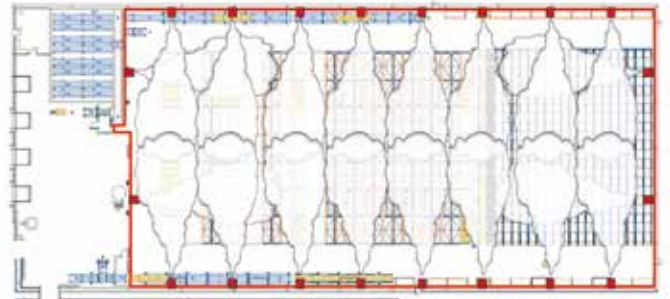**2** FOGGING SYSTEMS :
1,2 KW at start
200 WATT during operation

Solution with
other products

10 FOGGING SYSTEMS :
From 10 to 15 KW at start
1 KW during operation
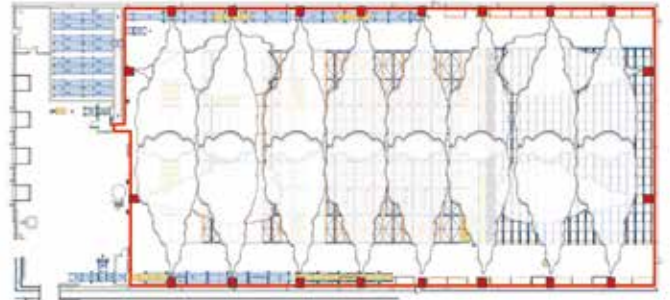
FAST 14000 PUMP
PRO PLUS WIDE

Solution with UR FOG

2 FOGGING SYSTEMS :
1,2 KW at start
200 WATT during operation

Solution with
other products
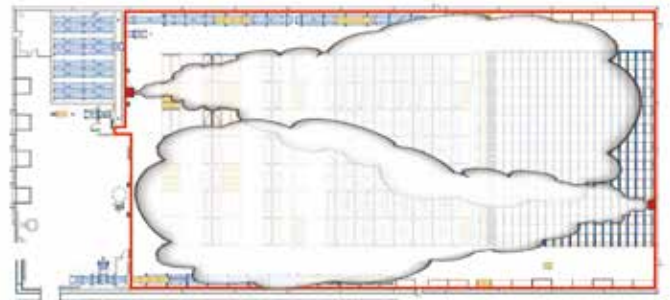
20 FOGGING SYSTEMS :
From 20 to 30 KW at start
2 KW during operation

ACCESSORIES AND REFILLS

	Code		FAST 250 PUMP PRO PLUS	FAST 500 PUMP PRO PLUS	FAST 1500 PUMP PRO PLUS	FAST 6000 PUMP PRO PLUS	FAST 14000 PUMP PRO PLUS
	F23PRUG7	**Nozzle extention 7cm**					
	F1M03UG3	**3 holes nozzle**					
	F23KITD	**Demo kit :** key + keyfob/receiver + button					
	F23STHPROR	**Wall bracket**					
	F01STH	**Wall bracket**					
	F01CB35	**35° celing bracket**					
	F01WB35	**35° wall bracket**					
	URRE	**Relay board**					
	URREAC	**Relay board for mounting with Active Cloud board**					
	URRS232	**Transceiver rs232 5/12 V**					
	URCLWF	**Active Cloud LAN/WiFi board** (optional WiFi antenna)					
	URCLWFA	**WiFi antenna module for Active Cloud**					
	URCLWFPP	**Mounting Kit for Active Cloud board :** flat cable pro plus + 3X20 mm spacers					
	URCLWF014	**External mounting Kit for Active Cloud board :** plastic box + external flat cable + 1X24 mm rubber + 2X16 mm rubbers					
	FFLXTP30	**Top box fluid 3L**					
	FFLXTP40	**Top box fluid 4L**					
	FPUM	**2 handlers**					
	FFLXRC10	**Fluid bag** 1000 ml					
	FFLXRC10FG	**Fluid bag** 1000 ml **FOOD GRADE**					
	FFLXRC33	**Fluid bag** 3000 ml	TOP BOX	TOP BOX			
	FFLXRC33FG	**Fluid bag** 3000 ml **FOOD GRADE**	TOP BOX	TOP BOX			
	FFLXRC40	**Fluid bag** 4000 ml			TOP BOX		
	FFLXRC40FG	**Fluid bag** 4000 ml **FOOD GRADE**			TOP BOX		
	FFLXRC50	**Fluid bag** 5000 ml					
	FFLXRC50FG	**Fluid bag** 5000 ml **FOOD GRADE**					

MODULAR

Line

	MODULAR **200**	MODULAR **300**	MODULAR **400**	MODULAR **500**	MODULAR **800**
Max fog emitted in single shot	200 m³	300 m³	400 m³	500 m³	800 m³
Maximum shooting time	28 sec.	40 sec.	46 sec.	48 sec.	64 sec.
Max fog emitted with full fog bag	850 m³	900 m³	1275 m³	1275 m³	1700 m³
Pump	FOG STORM	FOG STORM	FOG STORM	FOG STORM	FOG STORM
Fog tank capacity	500 ml	500 ml	750 ml	750 ml	1000 ml
Working time without mains power	Over 1 hour	Over 1 hour	Over 1 hour	Over 1 hour	Over 1 hour
Heating time	Around 1 hour	Around 1 hour	Around 2 hours	Around 2 hours	Around 2 hours
Vertical mounting	Yes	Yes	Yes	Yes	Yes
Horizontal mounting	Yes	Yes	Yes	Yes	Yes
Serial bus with standard protocol	Yes	Yes	Yes	Yes	Yes
Power consumption	37 W	37 W	48 W	48 W	48 W
Back up battery	2 Ah 12V	2 Ah 12V	2 Ah 12V	2 Ah 12V	2 Ah 12V
Electronic board	Compact	Compact	Compact	Compact	Compact
Cover	Plastic	Plastic	Plastic	Plastic	Plastic
Non-toxic fog certification	Yes	Yes	Yes	Yes	Yes
Standard European certifications	Yes	Yes	Yes	Yes	Yes
Heater	350 W	350 W	280 W	280 W	280 W
Shooting time programmable in seconds	Yes	Yes	Yes	Yes	Yes
Product code	FPU03ESM200	FPU03ESM300	FPU03ESM400	FPU03ESM500	FPU03ESM800

MODULAR ELECTRONIC BOARD

Led RED
Steady on: system in fault/error
Fast flashing: bag in reserve / empty
Off: no alert

Button setting
shooting time/ fluid reset

Led GREEN
Steady on: system ready
Slow flashing: system warming up
Off: fault/error

Led BLUE
Steady on: system armed
Off: system disarmed

Led RED on
Presence of board power supply

1 2 3 4 5 6 7 8
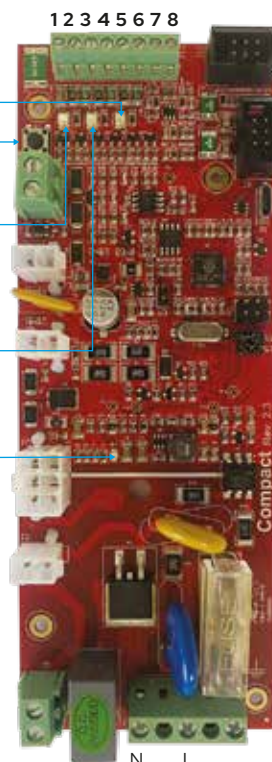
Standard serial port for ACTIVE CLOUD card
or direct interface Card with alarm control panel

Serial port for our serial relay card
with 4 configurable outputs

USB connector
Firmware update /
board reprogramming

W1 — Open for bag reset
— Closed for setting
shooting time

W2

OUTPUT

1) 12V DC (max 300 mA)

2) 0V DC ground

3) If W2 is open:
ARMING STATUS (active if armed)
If W2 is closed: SHOOTING STATUS
(active all the time of the shot)

4) ACTIVE if bag in reserve / empty

5) ACTIVE if system fault or errors present
(battery flat or disconnected, power supply
faulty or power failure)

INPUT

6) GDN input reference

7) ARMING command

8) SHOOT command

Features
MODULAR Line

Compact and light line

Modular is the small, powerful and flexible fogging system that includes all the fastest technologies.
Despite the small dimension, it is possible to insert optional boards (such as alarm centrals, sensors, etc.) in allocated areas.
The front cabinet is made of plastic material to make the wireless communication easiest between the internally installed devices and the outside.
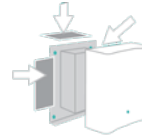Modular line includes all the latest patented technologies as **FOG STORM mechanical pump** and "**LAYER**" **technology** exchange systems for fast and very dry fog shoot.

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

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

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

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

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 remains stable over time.
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 h up to 2 h!

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

Power supply
to control
the electronic
board and pump

"LAYER" technology heating

Predisposition for 2Ah 12V battery (not included) to power the electronic board and pump in case of mains power failure

UR FOG
FOG STORM
Pump

Specially designed
to work
with high-glycol
percentage fluids

Example internal alarm station mounting

MODULAR 200

Fog emission and saturation:

up to **600 m³** in **28 seconds**
(200 m³ visibility less than 1 m)

A compact and light fogging system, inside the cabinet, even if small in size, it is possible to place optional boards in special spaces such as alarm panels, sensors, etc.

The front cover is made of plastic material to make the wireless communication easier between the internally installed devices and the outside.

INSTALLATION   WALL   CEILING

39,0
13,0
30,0

Compact cabinet	yes
Weight of the fogging system	7,5 Kg
Overall packaging weight	8,5 Kg
Units on one pallet (100×120 cm)	42
Dimension of the machine	L 30,0 x x W 13,0 H 39,0 cm
Dimension of the packaging	L 36,0 x W 19,0 x H 45,0 cm
Colors	white – optional black
Operating time without mains power	over 1 hour
Heating time	around 1 hour
Vertical mounting	yes
Horizontal mounting	yes
Usb port for computer monitoring (Windows and Linux)	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	optional
"Layer" heating system	yes
Single shot coverage (visibility more than 1,5 m)	up to 600 m³
Single shot coverage (visibility less than 1 m)	up to 200 m³
Maximum emission time in a single shot	28 sec
Total discharge capability with full bag	850 m³
Number of bags	1
Amount of fluid in the bag	500 ml
Shot characteristics	programmable in seconds
Number of bags included	1
2 cabled inputs: arming and shooting	yes
3 cabled output: arming/shooting status, low fluid and system error	yes
Top internal riser for optional boards	yes
Side internal riser for optional boards	yes
Front panel in plastic material	yes

ELECTRICAL SPECIFICATIONS

Mains power	230 V or 120 V
Average consumption	37 W
Heater max power in start	350 W
2 Ah 12V back up battery (not included)	yes

FOG FLUID **CERTIFIED**

Complies with european **CE**
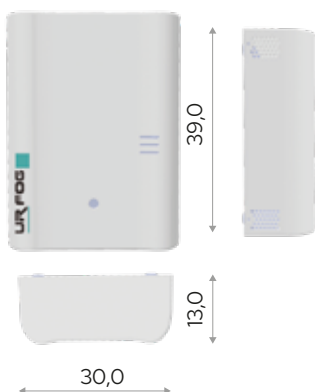
Meets **EUROPEAN Standard**

MODULAR 300

Fog emission and saturation:

up to 900 m³ in 40 seconds
(300 m³ visibility less than 1 m)

A compact and light fogging system, inside
the cabinet, even if small in size,
it is possible to place optional boards in
special spaces such as alarm panels,
sensors, etc.

The front cover is made of plastic
material to make the wireless communication
easier between the internally installed
devices and the outside.

INSTALLATION   WALL   CEILING

39,0

13,0

30,0

Compact cabinet	yes
Weight of the fogging system	8 Kg
Overall packaging weight	9 Kg
Units on one pallet (100×120 cm)	42
Dimension of the machine	L 30,0 x x W 13,0 H 39,0 cm
Dimension of the packaging	L 36,0 x W 19,0 x H 45,0 cm
Colors	white – optional black
Operating time without mains power	over 1 hour
Heating time	around 1 hour
Vertical mounting	yes
Horizontal mounting	yes
Usb port for computer monitoring (Windows and Linux)	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	optional
"Layer" heating system	yes
Single shot coverage (visibility more than 1,5 m)	up to 900 m³
Single shot coverage (visibility less than 1 m)	up to 300 m³
Maximum emission time in a single shot	40 sec
Total discharge capability with full bag	900 m³
Number of bags	1
Amount of fluid in the bag	500 ml
Shot characteristics	programmable in seconds
Number of bags included	1
2 cabled inputs: arming and shooting	yes
3 cabled output: arming/shooting status, low fluid and system error	yes
Top internal riser for optional boards	yes
Side internal riser for optional boards	yes
Front panel in plastic material	yes

ELECTRICAL SPECIFICATIONS

Mains power	230 V or 120 V
Average consumption	37 W
Heater max power in start	350 W
2 Ah 12V back up battery (not included)	yes

FOG FLUID
CERTIFIED

Complies with
european
CE

Meets
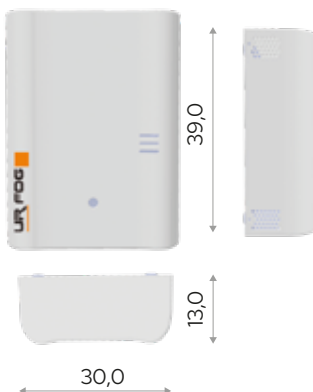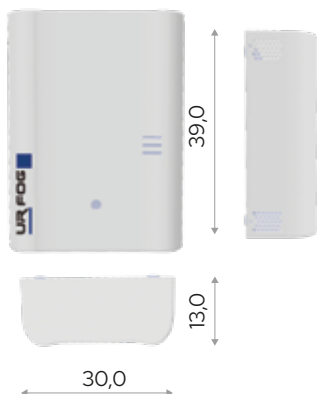**EUROPEAN
Standard**

MODULAR 400

Fog emission and saturation:

up to 1200 m³ in 46 seconds
(400 m³ visibility less than 1 m)

A compact and light fogging system, inside the cabinet, even if small in size, it is possible to place optional boards in special spaces such as alarm panels, sensors, etc.

The front cover is made of plastic material to make the wireless communication easier between the internally installed devices and the outside.

INSTALLATION

WALL

CEILING

39,0

13,0

30,0

Compact cabinet	yes
Weight of the fogging system	8,5 Kg
Overall packaging weight	9,5 Kg
Units on one pallet (100×120 cm)	42
Dimension of the machine	L 30,0 x x W 13,0 H 39,0 cm
Dimension of the packaging	L 36,0 x W 19,0 x H 45,0 cm
Colors	white – optional black
Operating time without mains power	over 1 hour
Heating time	around 2 hours
Vertical mounting	yes
Horizontal mounting	yes
Usb port for computer monitoring (Windows and Linux)	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	optional
"Layer" heating system	yes
Single shot coverage (visibility more than 1,5 m)	up to 1200 m³
Single shot coverage (visibility less than 1 m)	up to 400 m³
Maximum emission time in a single shot	46 sec
Total discharge capability with full bag	1275 m³
Number of bags	1
Amount of fluid in the bag	750 ml
Shot characteristics	programmable in seconds
Number of bags included	1
2 cabled inputs: arming and shooting	yes
3 cabled output: arming/shooting status, low fluid and system error	yes
Top internal riser for optional boards	yes
Side internal riser for optional boards	yes
Front panel in plastic material	yes
ELECTRICAL SPECIFICATIONS	
Mains power	230 V or 120 V
Average consumption	48 W
Heater max power in start	280 W
2 Ah 12V back up battery (not included)	yes

FOG FLUID **CERTIFIED**

Complies with european
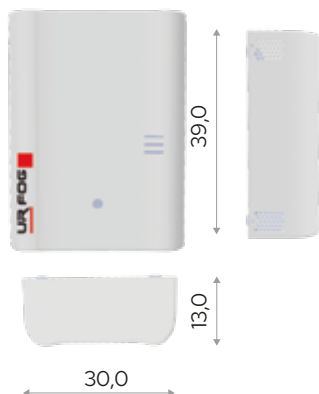CE

Meets **EUROPEAN** Standard

MODULAR 500

Fog emission and saturation:

up to 1500 m³ in 48 seconds
(500 m³ visibility less than 1 m)

A compact and light fogging system, inside the cabinet, even if small in size, it is possible to place optional boards in special spaces such as alarm panels, sensors, etc.

The front cover is made of plastic material to make the wireless communication easier between the internally installed devices and the outside.

INSTALLATION   WALL   CEILING

39,0
13,0
30,0

Compact cabinet	yes
Weight of the fogging system	9 Kg
Overall packaging weight	10 Kg
Units on one pallet (100×120 cm)	42
Dimension of the machine	L 30,0 x x W 13,0 H 39,0 cm
Dimension of the packaging	L 36,0 x W 19,0 x H 45,0 cm
Colors	white – optional black
Operating time without mains power	over 1 hour
Heating time	around 2 hours
Vertical mounting	yes
Horizontal mounting	yes
Usb port for computer monitoring (Windows and Linux)	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	optional
"Layer" heating system	yes
Single shot coverage (visibility more than 1,5 m)	up to 1500 m³
Single shot coverage (visibility less than 1 m)	up to 500 m³
Maximum emission time in a single shot	48 sec
Total discharge capability with full bag	1275 m³
Number of bags	1
Amount of fluid in the bag	750 ml
Shot characteristics	programmable in seconds
Number of bags included	1
2 cabled inputs: arming and shooting	yes
3 cabled output: arming/shooting status, low fluid and system error	yes
Top internal riser for optional boards	yes
Side internal riser for optional boards	yes
Front panel in plastic material	yes
ELECTRICAL SPECIFICATIONS	
Mains power	230 V or 120 V
Average consumption	48 W
Heater max power in start	280 W
2 Ah 12V back up battery (not included)	yes

FOG FLUID CERTIFIED

Complies with european CE
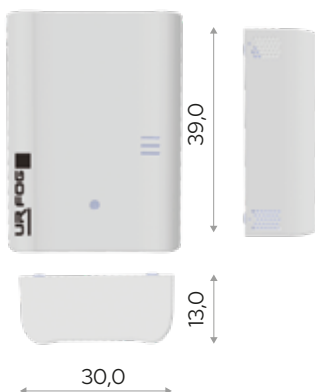
Meets EUROPEAN Standard

MODULAR 800

Fog emission and saturation:

up to **2400 m³** in **64 seconds**
(800 m³ visibility less than 1 m)

A compact and light fogging system, inside the cabinet, even if small in size, it is possible to place optional boards in special spaces such as alarm panels, sensors, etc.

The front cover is made of plastic material to make the wireless communication easier between the internally installed devices and the outside.

INSTALLATION

WALL

CEILING

39,0

13,0

30,0

Compact cabinet	yes
Weight of the fogging system	9,5 Kg
Overall packaging weight	10,5 Kg
Units on one pallet (100×120 cm)	42
Dimension of the machine	L 30,0 x x W 13,0 H 39,0 cm
Dimension of the packaging	L 36,0 x W 19,0 x H 45,0 cm
Colors	white – optional black
Operating time without mains power	over 1 hour
Heating time	around 2 hours
Vertical mounting	yes
Horizontal mounting	yes
Usb port for computer monitoring (Windows and Linux)	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	optional
"Layer" heating system	yes
Single shot coverage (visibility more than 1,5 m)	up to 2400 m³
Single shot coverage (visibility less than 1 m)	up to 800 m³
Maximum emission time in a single shot	64 sec
Total discharge capability with full bag	1700 m³
Number of bags	1
Amount of fluid in the bag	1000 ml
Shot characteristics	programmable in seconds
Number of bags included	1
2 cabled inputs: arming and shooting	yes
3 cabled output: arming/shooting status, low fluid and system error	yes
Top internal riser for optional boards	no
Side internal riser for optional boards	yes
Front panel in plastic material	yes
ELECTRICAL SPECIFICATIONS	
Mains power	230 V or 120 V
Average consumption	48 W
Heater max power in start	280 W
2 Ah 12V back up battery (not included)	yes

FOG FLUID **CERTIFIED**

Complies with european
CE

Meets **EUROPEAN** Standard

ACCESSORIES AND REFILLS

	Code		MODULAR 200	MODULAR 300	MODULAR 400	MODULAR 500	MODULAR 800
	FPUTRCP	**Top riser**					
	FPUSRCP	**Side riser**					
	FPUSTD	**Desk stand**					
	FPUWB	**Orientable wall bracket**					
	F23KITDM	**Demo kit** : key + keyfob/receiver					
	URREM	**Serial Relay Board – Provides 4 separate output signals** (Empty, Battery Error, AC Mains Error and Generic Fault)					
	URCLWF	**Active Cloud LAN/WiFi board** (optional WiFi antenna)					
	URCLWFA	**WiFi antenna module for Active Cloud**					
	URCLWFM	**Mounting Kit for Active Cloud board** : cable 12V + flat cable					
	FFLXRC2/3	**Fluid bag** 500 ml					
	FFLXRC2/3FG	**Fluid bag** 500 ml **FOOD GRADE**					
	FFLXRC4/5	**Fluid bag** 750 ml					
	FFLXRC4/5FG	**Fluid bag** 750 ml **FOOD GRADE**					
	FFLXTRC8	**Fluid bag** 1000 ml					
	FFLXTRC8FG	**Fluid bag** 1000 ml **FOOD GRADE**					

MODULAR
PLUS
Line

	MODULAR **2** PLUS	MODULAR **3** PLUS	MODULAR **4** PLUS	MODULAR **5** PLUS	MODULAR **8** PLUS
Max fog emitted in single shot	200 m³	300 m³	400 m³	500 m³	800 m³
Maximum shooting time	28 sec.	40 sec.	46 sec.	48 sec.	64 sec.
Max fog emitted with full fog bag	1275 m³	1275 m³	1275 m³	1275 m³	1700 m³
Pump	FOG STORM	FOG STORM	FOG STORM	FOG STORM	FOG STORM
Fog tank capacity	750 ml	750 ml	750 ml	750 ml	1000 ml
Working time without mains power	Over 1 hour	Over 1 hour	Over 1 hour	Over 1 hour	Over 1 hour
Heating time	Around 1,5 hour	Around 1 hour	Around 1 hour	Around 2 hours	Around 2 hours
Vertical mounting	Yes	Yes	Yes	Yes	Yes
Horizontal mounting	Yes	Yes	Yes	Yes	Yes
Serial bus with standard protocol	Yes	Yes	Yes	Ye	Yes
Power consumption	37 W	37 W	48 W	48 W	48 W
Back up battery	2 Ah 12V	2 Ah 12V	2 Ah 12V	2 Ah 12V	2 Ah 12V
Electronic board	CPLUS	CPLUS	CPLUS	CPLUS	CPLUS
Cover	Plastic	Plastic	Plastic	Plastic	Plastic
Non-toxic fog certification	Yes	Yes	Yes	Yes	Yes
Standard European certifications	Yes	Yes	Yes	Yes	Yes
Heater	170 W	170 W	280 W	280 W	280 W
Shooting time programmable in seconds	Yes	Yes	Yes	Yes	Yes
Product code	FPU03ESM200C	FPU03ESM300C	FPU03ESM400C	FPU03ESM500C	FPU03ESM800C

MODULAR PLUS ELECTRONIC BOARD

CPLUS

- 3 serial communication interfaces to connect expansion boards
- +12V power output
- Arm
- Shoot
- Customizable input
- "Panic" button
- Empty bag signal
- Fault signal
- Tamper signal
- Shot validation signal
- Customizable input
- External PIR input
- Shooting time setting
- Empty bag reset
- Real time clock with log capability (500 events)
- 8 DIP SWITCH for settings

4 inputs with positive (PNP) and negative (NPN) signal

5 relay outputs with positive and negative security setting

MODULAR PLUS Line

Compact and powerful line

Modular Plus line includes all latest patented technologies as **FOG STORM Pump** and "**LAYER**" technology heating exchange systems or fast and very dry fog shoot.

Superior electronic board equipped with 4 wired 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". Five wired outputs with relay and an internal multislot to add multiple expansion boards at the same time.
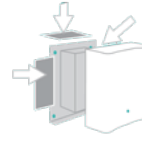
Plastic front panel to allow wireless communication.

UR FOG fogging systems are innovative in their technology and performances, guarantee the most effective protection against thefts and they have different patents.
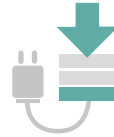
UR FOG fogging systems are certified by European regulation. Fog fluid is assessed as not dangerous for people and animals and does not leave residuals.

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

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

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 remains stable over time.

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 h up to 2 h!

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

UR FOG
FOG STORM
Pump
Specially designed to work with high-glycol percentage fluids

Power supply
to control the electronic board and pump

"LAYER" technology heating

CPLUS
electronic board

Predisposition for 2Ah 12V battery (not included) to power the electronic board and pump in case of mains power failure

MODULAR 2 PLUS

CPLUS Electronic board	**UR FOG FOG STORM** Fogging system with patented **PUMP** and **"LAYER"** heating **TECHNOLOGIES**

Compact cabinet	yes
Weight of the fogging system	7,5 Kg
Overall packaging weight	8,5 Kg
Units on one pallet (100×120 cm)	42
Dimensions of the fogging system	L 30,0 x x W 13,0 H 39,0 cm
Size of the packaging	L 36,0 x W 19,0 x H 45,0 cm
Color	white
Operating time without mains power	over 1 hour
Heating time	around 1,5 hour
Vertical mounting	yes
Horizontal mounting	yes
Usb port for computer monitoring (Windows and Linux)	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	optional
"Layer" heating system	yes
Single shot coverage (visibility more than 1,5 m)	up to 600 m³
Single shot coverage (visibility less than 1 m)	up to 200 m³
Maximum emission time in a single shot	28 sec
Total discharge capability with full bag	1275 m³
Number of bags	1
Amount of fluid in the bag	750 ml
Shot characteristics	programmabile in sec.
Number of bags included	1
4 wired inputs: arm, shoot, 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
Top internal riser for optional boards	yes
Side internal riser for optional boards	yes
Front panel made of plastic material	yes
3 slot : internal multi slot to insert more expansion boards at once	yes

ELECTRICAL SPECIFICATIONS

Mains power	230 V or 120 V
Average consumption	37 W
Heater max power in start	170 W
2 Ah 12V back up battery (not included)	yes

Fog emission and saturation:

up to **600 m³** in **28 seconds**
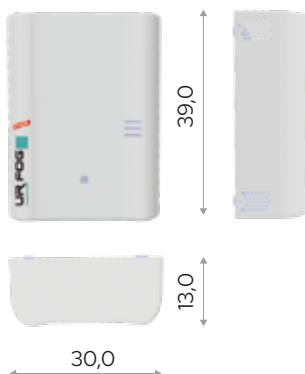(200 m³ visibility less than 1 m)

A compact and powerful fogging system, equipped with new patented technologies such as the **FOG STORM Pump** and the **LAYER** heating system.

CPLUS electronic board equipped with **3** serial SLOTS to insert more expansion boards at once, **5** relay cabled outputs and **4** wired inputs: arm, shoot, programmable input and verification sensor (PIR).

The front cover is made of plastic material to make the wireless communication easier between the internally installed devices and the outside.

INSTALLATION   WALL   CEILING

39,0

13,0

30,0

FOG FLUID **CERTIFIED**

Complies with european **CE**

Meets **EUROPEAN Standard**

EN 50131-8:2019

MODULAR 3 PLUS

UR FOG FOG STORM

Fogging system with patented **PUMP** and **"LAYER"** heating **TECHNOLOGIES**

Compact cabinet	yes
Weight of the fogging system	8 Kg
Overall packaging weight	9 Kg
Units on one pallet (100×120 cm)	42
Dimensions of the fogging system	L 30,0 x x W 13,0 H 39,0 cm
Size of the packaging	L 36,0 x W 19,0 x H 45,0 cm
Color	white
Operating time without mains power	over 1 hour
Heating time	around 1 hour
Vertical mounting	yes
Horizontal mounting	yes
Usb port for computer monitoring (Windows and Linux)	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	optional
"Layer" heating system	yes
Single shot coverage (visibility more than 1,5 m)	up to 900 m³
Single shot coverage (visibility less than 1 m)	up to 300 m³
Maximum emission time in a single shot	40 sec
Total discharge capability with full bag	1275 m³
Number of bags	1
Amount of fluid in the bag	750 ml
Shot characteristics	programmabile in sec.
Number of bags included	1
4 wired inputs: arm, shoot, 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
Top internal riser for optional boards	yes
Side internal riser for optional boards	yes
Front panel made of plastic material	yes
3 slot : internal multi slot to insert more expansion boards at once	yes

ELECTRICAL SPECIFICATIONS

Mains power	230 V or 120 V
Average consumption	37 W
Heater max power in start	170 W
2 Ah 12V back up battery (not included)	yes

Fog emission and saturation:

up to **900 m³** in **40 seconds**
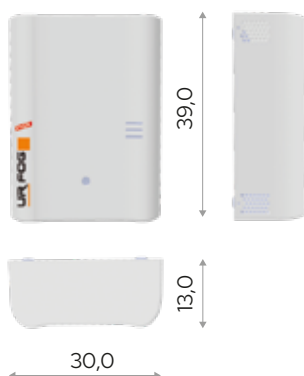(300 m³ visibility less than 1 m)

A compact and powerful fogging system, equipped with new patented technologies such as the **FOG STORM Pump** and the **LAYER** heating system.

CPLUS electronic board equipped with **3** serial SLOTS to insert more expansion boards at once, **5** relay cabled outputs and **4** wired inputs: arm, shoot, programmable input and verification sensor (PIR).

The front cover is made of plastic material to make the wireless communication easier between the internally installed devices and the outside.

INSTALLATION   WALL   CEILING

3Plus

39,0

13,0

30,0

FOG FLUID **CERTIFIED**

Complies with european **CE**

Meets **EUROPEAN Standard**
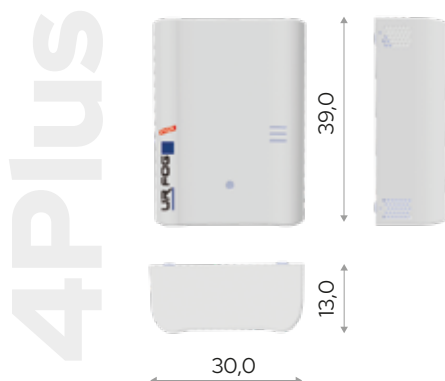
EN 50131-8:2019

MODULAR 4 PLUS

Fog emission and saturation:

up to **1200 m³** in **46 seconds**
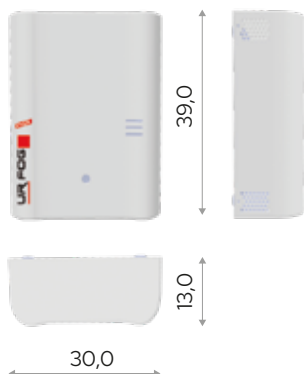(400 m³ visibility less than 1 m)

A compact and powerful fogging system, equipped with new patented technologies such as the **FOG STORM Pump** and the **LAYER** heating system.

CPLUS electronic board equipped with **3** serial SLOTS to insert more expansion boards at once, **5** relay cabled outputs and **4** wired inputs: arm, shoot, programmable input and verification sensor (PIR).

The front cover is made of plastic material to make the wireless communication easier between the internally installed devices and the outside.

INSTALLATION WALL CEILING

39,0
13,0
30,0

4Plus

Compact cabinet	yes
Weight of the fogging system	8,5 Kg
Overall packaging weight	9,5 Kg
Units on one pallet (100×120 cm)	42
Dimensions of the fogging system	L 30,0 x x W 13,0 H 39,0 cm
Size of the packaging	L 36,0 x W 19,0 x H 45,0 cm
Color	white
Operating time without mains power	over 1 hour
Heating time	around 1 hour
Vertical mounting	yes
Horizontal mounting	yes
Usb port for computer monitoring (Windows and Linux)	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	optional
"Layer" heating system	yes
Single shot coverage (visibility more than 1,5 m)	up to 1200 m³
Single shot coverage (visibility less than 1 m)	up to 400 m³
Maximum emission time in a single shot	46 sec
Total discharge capability with full bag	1275 m³
Number of bags	1
Amount of fluid in the bag	750 ml
Shot characteristics	programmabile in sec.
Number of bags included	1
4 wired inputs: arm, shoot, 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
Top internal riser for optional boards	yes
Side internal riser for optional boards	yes
Front panel made of plastic material	yes
3 slot : internal multi slot to insert more expansion boards at once	yes
ELECTRICAL SPECIFICATIONS	
Mains power	230 V or 120 V
Average consumption	37 W
Heater max power in start	170 W
2 Ah 12V back up battery (not included)	yes

MODULAR 5 PLUS

Compact cabinet	yes
Weight of the fogging system	9 Kg
Overall packaging weight	10 Kg
Units on one pallet (100×120 cm)	42
Dimensions of the fogging system	L 30,0 x x W 13,0 H 39,0 cm
Size of the packaging	L 36,0 x W 19,0 x H 45,0 cm
Color	white
Operating time without mains power	over 1 hour
Heating time	around 2 hours
Vertical mounting	yes
Horizontal mounting	yes
Usb port for computer monitoring (Windows and Linux)	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	optional
"Layer" heating system	yes
Single shot coverage (visibility more than 1,5 m)	up to 1500 m³
Single shot coverage (visibility less than 1 m)	up to 500 m³
Maximum emission time in a single shot	48 sec
Total discharge capability with full bag	1275 m³
Number of bags	1
Amount of fluid in the bag	750 ml
Shot characteristics	programmabile in sec.
Number of bags included	1
4 wired inputs: arm, shoot, 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
Top internal riser for optional boards	yes
Side internal riser for optional boards	yes
Front panel made of plastic material	yes
3 slot : internal multi slot to insert more expansion boards at once	yes
ELECTRICAL SPECIFICATIONS	
Mains power	230 V or 120 V
Average consumption	48 W
Heater max power in start	280 W
2 Ah 12V back up battery (not included)	yes

Fog emission and saturation:

up to 1500 m³ in 48 seconds
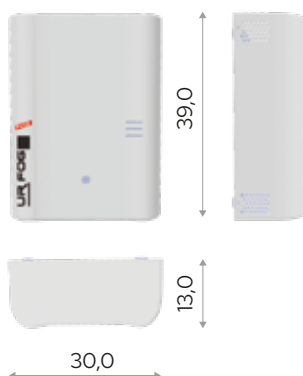
(500 m³ visibility less than 1 m)

A compact and powerful fogging system, equipped with new patented technologies such as the **FOG STORM Pump** and the **LAYER** heating system.

CPLUS electronic board equipped with **3** serial SLOTS to insert more expansion boards at once, **5** relay cabled outputs and **4** wired inputs: arm, shoot, programmable input and verification sensor (PIR).

The front cover is made of plastic material to make the wireless communication easier between the internally installed devices and the outside.

INSTALLATION   WALL   CEILING

5Plus

39,0

13,0

30,0

FOG FLUID CERTIFIED

Complies with european CE

Meets EUROPEAN Standard

EN 50131-8:2019

MODULAR 8 PLUS

UR FOG FOG STORM

Fogging system with patented **PUMP** and **"LAYER"** heating **TECHNOLOGIES**

Compact cabinet	yes
Weight of the fogging system	9,5 Kg
Overall packaging weight	10,5 Kg
Units on one pallet (100×120 cm)	42
Dimensions of the fogging system	L 30,0 x x W 13,0 H 39,0 cm
Size of the packaging	L 36,0 x W 19,0 x H 45,0 cm
Color	white
Operating time without mains power	over 1 hour
Heating time	around 2 hours
Vertical mounting	yes
Horizontal mounting	yes
Usb port for computer monitoring (Windows and Linux)	yes
Serial interface RS232 with UR FOG Standard protocol	yes
Lan Connection : Active Cloud	optional
"Layer" heating system	yes
Single shot coverage (visibility more than 1,5 m)	up to 2400 m³
Single shot coverage (visibility less than 1 m)	up to 800 m³
Maximum emission time in a single shot	64 sec
Total discharge capability with full bag	1700 m³
Number of bags	1
Amount of fluid in the bag	1000 ml
Shot characteristics	programmabile in sec.
Number of bags included	1
4 wired inputs: arm, shoot, 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
Top internal riser for optional boards	no
Side internal riser for optional boards	yes
Front panel made of plastic material	yes
3 slot : internal multi slot to insert more expansion boards at once	yes

ELECTRICAL SPECIFICATIONS

Mains power	230 V or 120 V
Average consumption	48 W
Heater max power in start	280 W
2 Ah 12V back up battery (not included)	yes

Fog emission and saturation:

up to **2400 m³** in **64 seconds**
(800 m³ visibility less than 1 m)

A compact and powerful fogging system, equipped with new patented technologies such as the **FOG STORM Pump** and the **LAYER** heating system.

CPLUS electronic board equipped with **3** serial SLOTS to insert more expansion boards at once, **5** relay cabled outputs and **4** wired inputs: arm, shoot, programmable input and verification sensor (PIR).

The front cover is made of plastic material to make the wireless communication easier between the internally installed devices and the outside.

INSTALLATION

WALL

CEILING

8Plus

39,0

13,0

30,0

FOG FLUID **CERTIFIED**

Complies with european **CE**

Meets EUROPEAN Standard

EN 50131-8:2019

ACCESSORIES AND REFILLS

	Code		MODULAR 200 PLUS	MODULAR 300 PLUS	MODULAR 400 PLUS	MODULAR 500 PLUS	MODULAR 800 PLUS
	FPUTRCP	**Top riser**					
	FPUSRCP	**Side riser**					
	FPUSTD	**Desk stand**					
	FPUWB	**Orientable wall bracket**					
	F23KITDM	**Demo kit** : key + keyfob/receiver					
	URCLWF	**Active Cloud LAN/WiFi board** (optional WiFi antenna)					
	URCLWFA	**WiFi antenna module for Active Cloud**					
	URCLWFMP	**Mounting Kit for Active Cloud board** : cable 12V + flat cable Modular Plus + top riser + 4X10 mm spacers					
	FFLXRC4/5	**Fluid bag** 750 ml					
	FFLXRC4/5FG	**Fluid bag** 750 ml **FOOD GRADE**					
	FFLXTRC8	**Fluid bag** 1000 ml					
	FFLXTRC8FG	**Fluid bag** 1000 ml **FOOD GRADE**					

BAT 300

TEMPEST TECHNOLOGY

ZERO ENERGY CONSUMPTION

can be connected to any alarm system

BATTERY TECHNOLOGY
Proprietary technology
covered by **2 INTERNATIONAL PATENTS**

The first **INNOVATIVE** and **UNIQUE BATTERY** fogging system with **the highest level of security** and **ZERO energy consumption**.

Performance (m³) visibility 1 meter
(Standard EN 50131–8:2019):
100 m³ with zero visibility
(UR FOG standard) in **60 seconds**

Number of shots with one cartridge:
25 m³ (8 shots), 50 m³ (4 shots),
100 m³ (2 shots) + 1 extra test shot

Shot times (seconds):
2 (test shot), 15 sec. (25 m³),
30 sec. (50 m³), 60 sec. (100 m³)

NOT A SMOKE GENERATOR :
➔ not explosive
➔ no residuals
➔ no leave bad smells
➔ can shoot more times with only 1 cartridge!

Totally autonomous for 6 months without power.
Compatible with any alarm system.
Ideal to be integrated with wireless alarm systems.

Design, small size
and light weight:
can be carried and
installed anywhere!

30,0

20,0   15,0
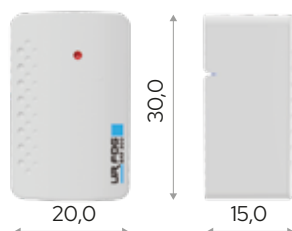
Ideal protection against theft and intrusion in garages, homes, offices, armoured vans, ATMs, safes, trucks, boats, campers, caravans ...
wherever active and immediate security protection is needed.

Dimensions	L 20,0 x W 15,0 x H 30,0 cm
Weight included batteries	7,6 Kg
Weight without batteries	1,9 Kg
Color	Pure white RAL 9010
Compatible with any alarm system	yes
OEM (Original Equipment Manufacturer)	Available
Mounting positions	Vertical (wall/shelf)
Operating temperature range	–10°C +50°C
Inputs	3 wired inputs: Arming, Shooting and PIR / Panic
Outputs	3 wired outputs (max 16 V – 50 mA): empty fluid, fault, low battery
Serial ports	2 serial interfaces RS232 with UR FOG Standard protocol for expansions
Microswitch tamper for cover	Optional
External signaling LEDs	3: Red Fault – Green Ready – Blue Armed
Signaling buzzer	yes
LAN/WiFi board	opzional
Registration on Active CLoud	yes
Multi–hole and directional nozzles	no
Nozzle extension	no

ELECTRICAL SPECIFICATIONS

| Power supply	Battery
Battery model	2 custom built lead acid VRLA 12 V – 9 Ah batteries
Autonomy without external power supply	About 6 months (at 6 months a full time shoot is guaranteed)
Autonomy with external power supply	*No limit. Battery replacement recommended every 2 years
Inbuilt battery charger	yes with two external charging current options: 10–16 V / 350 mA and 1 A
External battery charger	optional
Average power consumption	Low power mode: 2–3 mW Always on mode: 1,2 W
Heating time from cold	Immediate at the time of shot
Temperature management	Self–balancing of shot with patented system

FLUID

Fluid cartridge capacity	125 ml
Disposable non–pressurized cartridge	yes
WHITE OUT **FOOD GRADE** fluid	yes
Product code	FPUB300

FOG FLUID CERTIFIED

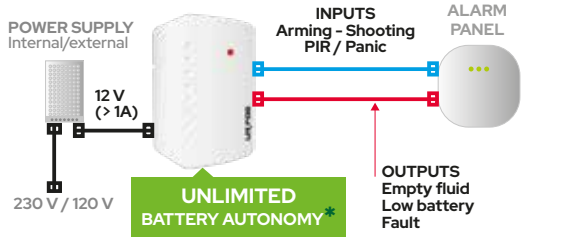Complies with european
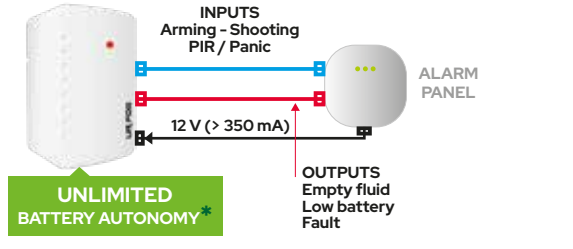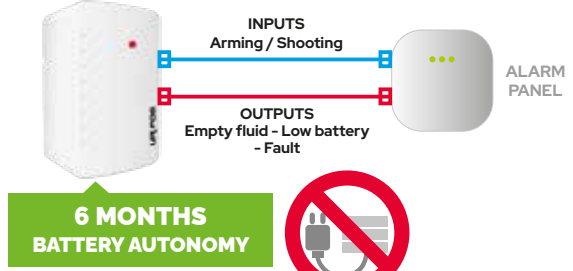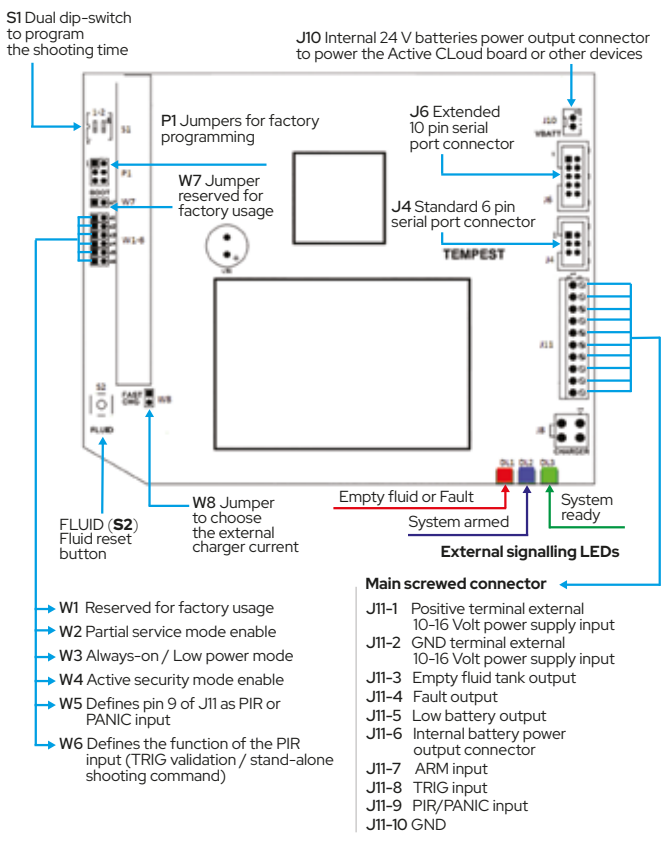**CE**

Meets **EUROPEAN Standard**
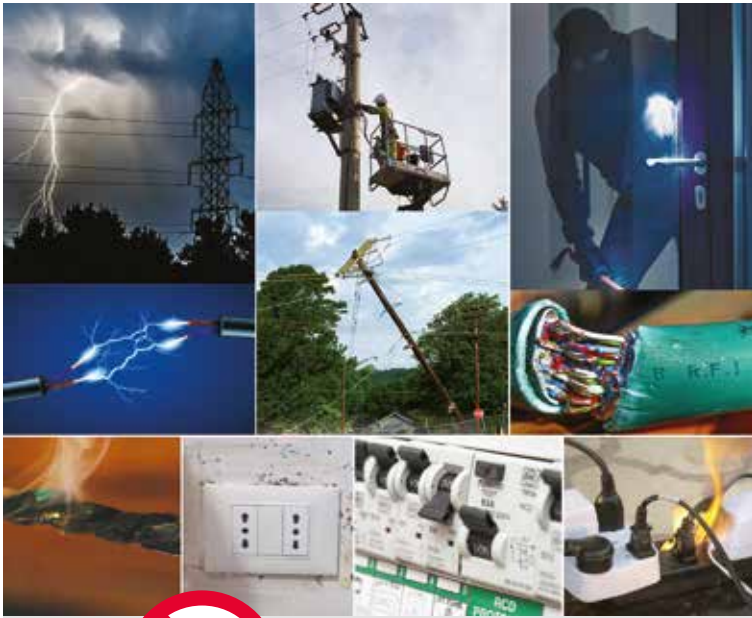
NO POWER

What works and what doesn't and for how long in the event of a power failure

Alarm panel	Sensories	Standard fog systems commercially available	Security fogging system BAT 300 TEMPEST TECHNOLOGY
OK autonomy for days	**OK** autonomy for days	Max autonomy **about 1,5 hour**	**Total autonomy for 6 months**
			Zero consumption of energy

S1 Dual dip-switch to program the shooting time

P1 Jumpers for factory programming

W7 Jumper reserved for factory usage

J10 Internal 24 V batteries power output connector to power the Active CLoud board or other devices

J6 Extended 10 pin serial port connector

J4 Standard 6 pin serial port connector

TEMPEST

FLUID (**S2**) Fluid reset button

W8 Jumper to choose the external charger current

Empty fluid or Fault
System armed
System ready

External signalling LEDs

W1 Reserved for factory usage
W2 Partial service mode enable
W3 Always-on / Low power mode
W4 Active security mode enable
W5 Defines pin 9 of J11 as PIR or PANIC input
W6 Defines the function of the PIR input (TRIG validation / stand-alone shooting command)

Main screwed connector

J11-1 Positive terminal external 10-16 Volt power supply input
J11-2 GND terminal external 10-16 Volt power supply input
J11-3 Empty fluid tank output
J11-4 Fault output
J11-5 Low battery output
J11-6 Internal battery power output connector
J11-7 ARM input
J11-8 TRIG input
J11-9 PIR/PANIC input
J11-10 GND

ACCESSORIES AND REFILLS

	Code	
	FPUBBYK	KIT Battery (2 pcs.)
	URCLWFKIT	Active Cloud LAN/WiFi board with cables (optional WiFi antenna)
	URCLWFA	WiFi antenna module for Active Cloud
	FPUBAC	24V – 12V adapter cable (for Active Cloud board, relays etc.)
	FPUBEFC	External fast charger
	FPUB220PS	220V power supply
	FPUWBT	Orientable wall bracket
	FPUBFT	Fluid refill 125 ml **FOOD GRADE**

INPUTS Arming / Shooting

ALARM PANEL

OUTPUTS Empty fluid – Low battery – Fault

6 MONTHS BATTERY AUTONOMY

INPUTS Arming - Shooting PIR / Panic

ALARM PANEL

12 V (> 350 mA)

OUTPUTS Empty fluid Low battery Fault

UNLIMITED BATTERY AUTONOMY *

POWER SUPPLY Internal/external

INPUTS Arming - Shooting PIR / Panic

ALARM PANEL

12 V (> 1A)

230 V / 120 V

OUTPUTS Empty fluid Low battery Fault

UNLIMITED BATTERY AUTONOMY *

POWER SUPPLY Internal/external

RELAY RADIO

ALARM PANEL RADIO

12 V (> 1A)

WIRELESS

230 V / 120 V

UNLIMITED BATTERY AUTONOMY *

COMPACT

The patented revolution in fog system market
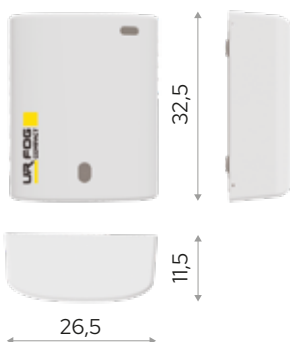
UP TO 45 m²
390 m³ OF FOG

Fog emission and saturation:

up to 390 m³ in 50 seconds
(130 m³ visibility less than 1 m)

It is a fog system with a small size and high performances.
Low power consumption.

Plastic cover maximize performances for wireless connections.

Dimension	L 26,5 x W 11,5 x H 32,5 cm
Weight	3,8 Kg
Suggested square meters up to	45 m²
Max fog emitted in single shot	390 m³
Maximum shooting time	50 sec.
Max fog emitted with full fog bag	2340 m³
N. of shots with max shooting	6
Pump	yes
Fog tank capacity	500 ml
Working time without mains power	about 1 hour
Heating time	about 20 minutes
Horizontal mounting	yes with opzional kit
Serial bus with standard protocol	yes 2 serial
Power consumption	about 30 W
Back up battery	1,2 Ah 12V
Electronic board	2 inputs / 3 ouputs
Cover	plastic
Non-dangerous fog certification	yes
Shooting time programmable	yes
Product code	FPUC390

INSTALLATION   WALL   CEILING

390

32,5

11,5

26,5

SECURITY FOGGING SYSTEM
390

UR FOG COMPACT

FOG FLUID CERTIFIED

Complies with european
CE

Meets EUROPEAN Standard

COMPACT ELECTRONIC BOARD

1 2 3 4 5 6 7 8

Led RED
Steady on: system in fault/error
Fast flashing: bag in reserve / empty
Off: no alert

Button setting
shooting time/ fluid reset

Led GREEN
Steady on: system ready
Slow flashing: system warming up
Off: fault/error

Led BLUE
Steady on: system armed
Off: system disarmed

Led RED on
Presence of board power supply

Standard serial port for ACTIVE CLOUD card
or direct interface Card with alarm control panel

Serial port for our serial relay card with 4
configurable outputs

USB connector
Firmware update / board reprogramming

W1 — Open for bag reset
Closed for setting shooting time

W2

N   L

OUTPUT

1) 12V DC (max 300 mA)

2) 0V DC ground

3) If W2 is open: ARMING STATUS (active if armed)
If W2 is closed: SHOOTING STATUS
(active all the time of the shot)

4) ACTIVE if bag in reserve / empty

5) ACTIVE if system fault or errors present (battery
flat or disconnected, power supply faulty or power failure)

INPUT

6) GDN input reference

7) ARMING command

8) SHOOT command

ACCESSORIES AND REFILLS

	Code	
	SCODSC	**Desk stand**
	URCLWFKIT	**Active Cloud LAN/WiFi board with cables** (optional WiFi antenna)
	URCLWFA	**WiFi antenna module for Active Cloud**
	FPUWBC	**Orientable wall bracket**
	SCOSSOC	**Side extra riser** (for second extra board or horizontal mounting)
	SCOFBHC	**Fluid bag holder** (for horizontal mounting)
	SKITHM	**Compact Kit for horizontal mounting** (side extra riser + fluid bag holder)
	FFXR500	**Fluid bag** 500 ml **FOOD GRADE**

Comparison chart between **COMPACT** and SMOKE SYSTEMS Pyrotechnical

	COMPACT FOGGING SYSTEMS JUST **3,8 KG**	SMOKE SYSTEM Pirotechnical
Type of visibility occlusion	**FOG**	**SMOKE**
Toxicological / possible to breath	over 1 hour	10/30 minutes
Pyrotechnical	no ✓	yes ⚠
Transport limitation	no ✓	yes ⚠
Transportation cost	low	very high
Explosion risk	no ✓	yes ⚠
Possible consecutive shoots without changing the fluid/smoke container	6	1
Capability of visibility occlusion in m^3	**150** Programmable in seconds	80 Not programmable
FOOD CONTACT * certification	yes ✓	no ⚠
Residual after shot	no ✓	yes ⚠
Usable also with automatic activation with alarm	yes ✓	risky ⚠
Targets	**100%** of the market	30% of the market

Including:
Houses and flats, Clothing shops, Shoe shops, Luxury shops, Home shops, Food shops, Restaurant, Pubs and Bars, Optical shops, Tobbacconists, Medical offices, Pharmacies, etc.

* FOOD CONTACT certification

The specific anti-intrusion fluid for environments with food or food substances.
White Out Food Grade is the innovative mixture designed to safeguard food productions, processing and sales environments.
Produced fog has been tested according to the Food Contact regulation to meet food products without altering their composition and organoleptic properties.

ACTIVE CLOUD

A single control panel to manage
all your fogging systems
from smartphones, pc, tablets

LAN &
Wi Fi
BOARD

ACTIVE CLOUD LAN / WIFI BOARD
(Cod. URCLWF)

The WIFI LAN board allows wired or wireless Lan connection.
Through the extremely secure Cloud service, provided for free,
it allows, in addition to the systems monitoring, to remotely arm,
shoot and set shooting time of the fogging system.

SECURE SSL/TLS encrypted communication

REMOTE DEVICE ASSISTANCE analytical control of all features and real-time system diagnostics

WIFI & WIRED LAN on the same card

Developer APIs available

Ability to develop **customized connectivity solutions**
for integrating **UR FOG systems**
into pre-existing intranets (banks, regulators, etc.).

Download tools and manuals

Control panel for the single fogging systems or general control of all the fogging systems installed

ARMING AND SHOOTING SIGNALS TO ACTIVATE ONE OR MORE FOGGING SYSTEMS AT THE SAME TIME

DETAILS
Installation address, reference person, phone and system insights

ALARM E-MAIL ALERTS
Insertion of up to 3 addresses and selection of warning options to associate

SHOOTING
Setting shooting time in seconds

LOG EVENTS
System Registration 500 Events/Commands

REMOTELY ARMAMENT AND SHOOTING

SHOOTING VERIFICATION TEST

FLUID CONTROL

AND BAG RESET
Signaling of systems where the fluid level is exhausted or in reserve

○ Total number of managed systems

🌐 N. systems connected to the Cloud

✓ N. ready-to-shoot systems

🔒 N. armed systems

🛡 N. tampered systems

◇ N. systems with low fluid quantities

🔌 N. battery-powered systems in the absence of AC network

⚠ N. systems with error reporting

☁ N. systems that have shot in the last 24 hours

MULTI-LEVEL SYSTEM

It is possible to authorize users individually with different permissions for the management and/or control of the systems

Monitoring | Maintenance | Complete control

NO VISIBILITY
IN SECONDS

NO THEFTS

ANTI-INTRUSION FLUIDS FOR FOGGING SYSTEMS

UR FOG

WHITE OUT

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.

The fog generated is completely **non-toxic, flavourless and leaves no residue.**
Toxicological evaluation according to EN ISO 16000-1:2006

WHITE OUT
FOOD GRADE

ANTI-INTRUSION FLUID

WHITE OUT FOOD GRADE

The only certified Anti-Intrusion Fogging Systems for the protection of food production, processing and sales environments.

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

FOOD CONTACT certificate for
FOOD & BEVERAGE departments.

FOOD CONTACT
Safety Tested

Produced fog has been tested according to the Food Contact regulation to meet food products
without altering their composition and organoleptic properties.
Tests carried out in accordance with Regulation (EC) No 1935/2004.

UR FOG AR
AUGMENTED REALITY APP

UR FOG AR is **the free App** that allows, once the most suitable system for the environment has been chosen, to simulate the positioning and operation of the fog devices with the experience of **Augmented Reality**, previewing and in real time the experience of total protection from theft of anti-intrusion / anti-theft fog devices of UR FOG.

UR FOG Metro AR functionality :
uses augmented reality technology to measure lengths in the real world with the smartphone camera.

Download on the **App Store**

Download on the **Google Play**

Downloads, events and news

All the news and the new products on www.urfog.com

Events and news
Communications, events, national and international exhibitions/fairs

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Real **Videos**
▶ YouTube

Linked in

f URFOGSYSTEMS

UR FOG AJAX ‹ READY ›

Anti-intrusion system needs to be connected to a central alarm.
A central alarm system increases the security to the installation
of the anti-intrusion fogging system.

AJAX ‹ READY ›

Wall or ceiling installation

Desk stand

3 WIRELESS
ACTIVATION MODES
OF THE
FOGGING SYSTEM

1 MOTION SENSORS
By motion detection
and door/window opening
detection **sensors**,
the fog emission is
automatically activated.

2 PHOTO VERIFICATION
The **MotionCam** camera motion
detection takes a series
of animated pictures and sends
them for an accurate assessment
of the situation; in casy of actual
need, not a false alarm,
the **fog emission** can be active
remotely.

3 ANTIPANIC / ANTI-ROBBERY
If needed, it is possible to
activate manually the **Fogging
System**, thank to the keyfob
with **SpaceControl**, antipanic
button, the **DoubleButton**
emergency button and the
Button antipanic button, when
the system is not armed.

QUICK INSTALLATION!
No cables or connections required. Ready for wireless use.
Excellent high-tech solution at lowest price.

UR FOG AJAX ‹ READY ›

FOGGING SYSTEMS

Code	Models	Fog delivery and saturation
FPUC390DA	**COMPACT 390** AJAX ‹READY›	covers up to 130 m³ in 50 seconds — NO VISIBILITY
FPU03ESM200A	**MODULAR 200** AJAX ‹READY›	covers up to 200 m³ in 28 seconds — NO VISIBILITY
FPU03ESM300A	**MODULAR 300** AJAX ‹READY›	covers up to 300 m³ in 40 seconds — NO VISIBILITY
FPU03ESM400A	**MODULAR 400** AJAX ‹READY›	covers up to 400 m³ in 46 seconds — NO VISIBILITY
FPU03ESM500A	**MODULAR 500** AJAX ‹READY›	covers up to 500 m³ in 48 seconds — NO VISIBILITY
FPU03ESM800A	**MODULAR 800** AJAX ‹READY›	covers up to 800 m³ in 64 seconds — NO VISIBILITY

AJAX ‹ READY ›

UR FOG AJAX ‹READY›
www.urfog.com

UR FOG
SECURITY FOGGING SYSTEMS

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97%
THEFTS
AVOIDED

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