Density™
INSTANT FOG PROTECTION

Density 2400C Lite



The Density 2400C is a lightweight, compact and powerful solution with an impact-resistant ABS cover. Designed for medium-to-large retail outlets and small warehouses with high-value goods, it produces up to 2,400 m³ of fog to help protect your valuables and premises.

WARRANTY 5 YEARS

CLOUD INTERFACE READY

KEY POINTS

ZERO VISION 2,400 m³

Protects spaces up to 2,400 m³ with dense fog that obscures intruders' vision.

2,400 m³

Fog volume up to 2,400 m³

450 m³ IN 10 S

Fast, dense fog: 450 m³ in 10 seconds.

COMPATIBILITY

IP

High-security IP card: 2 × 128-bit data encryption.

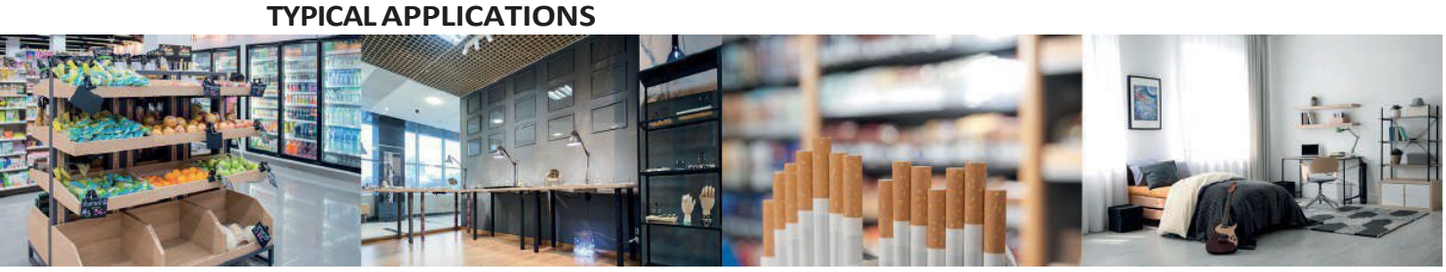
API

API available for software and hardware customisation.

ORIENTABLE NOZZLE

Multidirectional nozzle adapts to different installation types.

TYPICAL APPLICATIONS



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Density 2400C technical specifications

GENERAL SPECIFICATIONS

Weight / boxed weight	9.5 kg / 10.5 kg
Dimensions	300 × 130 × 390 mm
Boxed dimensions	360 × 190 × 450 mm
Colour	White
Power supply	230 V AC, 50 Hz / 115 V AC, 60 Hz
Power consumption during heat-up	280 W
Average power after heat-up	48 W
Heat-up time from cold	90 minutes
Reheat time after a full discharge	7 minutes
Operation after mains power loss	More than 1 hour (battery backup)

FOG GENERATOR

Maximum single-shot duration	64 seconds
Maximum single-shot fog volume	2,400 m³
Fog output in 10 seconds	450 m³
Adjustable fog timer	Programmable in 1-second steps
Adjustable nozzle	Yes
Fluid container system	1,000 ml container; 1,700 m³
Full releases per full fluid container	2.5
Low-fluid / empty-fluid alarms	Yes / Yes
Lid-opening tamper switch	Yes
Plastic casing	Yes

INPUTS, OUTPUTS & CONTROL

Galvanically isolated optocoupler inputs	4
Separate PIR input with 12 V supply	1
Selectable active or passive inputs	Yes
Relay outputs	5
Normally open / normally closed outputs	Selectable
PCB status and audio indicators	Yes
External LED status connector	Yes
Backup battery	1 × 12 V, 2.3 Ah
DIP switches for configuration	Yes
Service switch for technician safety	Yes

COMMUNICATION

IP card	Optional
IP-card data encryption	2 × 128-bit
Cloud access with full operation	Yes - free of charge
API protocol option	Yes
RS232 serial port	Yes
USB programming and diagnostics	Yes
Orisec integration	Wired and wireless