

stop crime fast with the

# TITANIUM Ti100



**Most powerful  
and flexible fog  
control**

**Iris mode for  
command and  
control**

**SmartSmoke  
mode for  
autonomous  
operation**

The Titanium range of generators has the most advanced electronics pack of any fog generator we have ever manufactured. In Iris mode, its communication capability allows it to assume the role of an on-site signalling device, communicating alerts triggered by its fully programmable inputs.

3 fully programmable outputs allow the remote monitoring centre to trigger ancillary devices such as sounders, strobes or CCTV. Full command firing of the generator is possible securely and remotely with the accompanying software providing audit trails, grouping of Smoke Screens, user management and more.

Additionally, on-board RS485 allows master and slave operation of multiple generators per site. If you do not need all this, SmartSmoke mode lets the generator operate its own logic and take intelligent decisions about the need to fire or not based on the condition of its inputs.

In terms of performance, the PID heater control allows for longer, more powerful fog bursts with minimal reheat time in between.

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## IRIS MODE

Fully featured command and control mode allows visibility of estates of thousands of Smoke Screens from a single operator terminal. Configurable inputs and outputs allow the Smoke Screen to assume the role of a signalling device.

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## INCREDIBLE STOPPING POWER

A high mass, precision machined steel heat exchanger, PID control of twin high wattage heaters and total control over the pump driver marry together to make for astonishing fog production. Reheat times are minimised, energy efficiency is maximised and fog output is incredible.

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## SMART FLUID MONITORING

No matter which attitude the Titanium range is installed in, clever positioning of fluid sensors ensures that low and empty fluid conditions are always detected. Whether horizontally or vertically installed, a true fluid level is always known.

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### FEATURES

- SNMPv3 IP protocol
- RS485 for Smoke Screen chaining
- PID control of heater
- 6 fully programmable inputs (Iris mode) or 6 fog logic inputs (SmartSmoke mode)
- 5 fully programmable outputs (Iris mode) or 5 technical fault zones (SmartSmoke mode)
- 3 additional PGM outputs (both modes)
- Minimum 90 minutes off mains power at full performance
- Intelligent fluid monitoring
- Remotely downloadable log buffer up to 300 events
- Flexible top up logic (SmartSmoke mode)

### CONSTRUCTION

- Rugged and compact steel casing in white/black
- Environmental pack for installation in confined spaces with elevated ambient temperatures
- Machined steel heater block allows use of most persistent smoke chemical

### STANDARDS COMPLIANCE

- EN50131:8 and IEC62642:8
- CNPP Rating: Class I Category 30

### FLUID

- 1000ml fluid system

### DATA

- 47(H) x 13(D) x 31(W) cm
- Weight: 17.3 kg (pre-install), 24 kg (installed)



CAN'T SEE IT?  
CAN'T STEAL IT!

