

# VIT 55 Fog Camera

## Superior quality surveillance images:

- In all low visibility conditions including smoke, rain, mist, fog, dust & spray
- Auto contrast correction by up to 15dB
- Highly effective detection & enhancement of low contrast objects due to advanced firmware
- Works with all CCTV lenses

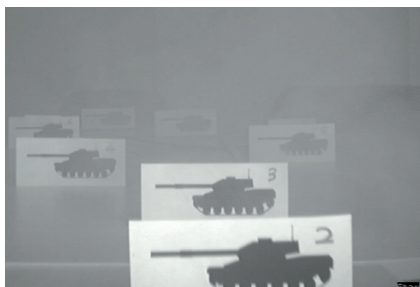


Image from a standard low light camera looking into a smoke-filled room.



Image from a VIT55 Fog Camera looking into the same smoke-filled room.



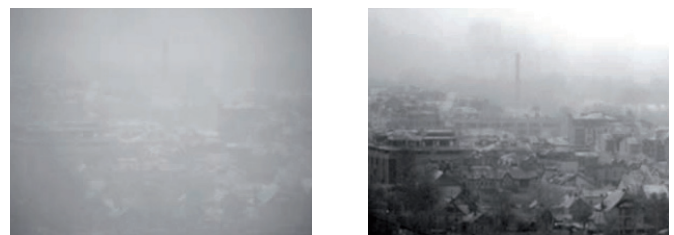
## Results from test cameras during deployment of smoke flare

- Thermal camera (top right) shows objects but no depth perception or background detail
- Colour and low light cameras (bottom two) –are all but “white out”
- VIT55 Fog Camera (top left) shows good detail

VIT 55 Fog Camera Simple Specifications	
CCD size	1/3"
PAL Video output	570 Lines
Low Light Level	0.012 Lux
Supply Voltage	9VDC to 15VDC
Peak Current	125mA
Dynamic Contrast Correction	15dB

## Excellent image quality at long distances

At long distances there is always some haze, even on a clear day. Haze over around 2km can decrease visibility by 12 dB. VIT Fog Cameras improve image quality at any distance.



With the density of the mist 15dB/km and at a range of roughly 1km, a standard day / night camera is beyond the limit of usefulness (left) but the VIT55 Fog Camera (right) is still producing a usable image.

## Automatic recognition of lens type

Fog Camera automatically recognises Direct Drive or Video Drive lenses fitted

- No need for manual switching
- With nothing plugged into the iris connector, the camera will automatically switch on the electronic shutter

For more information on the VIT range of surveillance products and services, to receive a demo video or to arrange a demonstration/discussion, please contact:

Keith Salway - Business Development Manager on 0044 7961 792 002  
 Dave Harmon - CEO on 0044 7768 305 440  
 Office -0044 1992 535 814  
 email sales@vitsecuritygroup.com

Further details about our company, products and services can be found at [www.vitsecuritygroup.com](http://www.vitsecuritygroup.com)

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