



OGTECH

Oil & Gas Technologies



GasViewer



FlamViewer



OilViewer

GasViewer GV-P-3234 / GV-P-714 Gas detection Portable cameras

Oil&GasTechnologies www.og-tech.fr

Presentation

OG-Tech was established in 2011 in Aix-en-Provence, South of France, to serve customers of the Petroleum, Petrochemical and Power industries in France (Total, Petro Ineos, Lyondel Basel, Kem one, Elengy...).

OG-Tech first specialized in portable IR cameras for Gas detection (OGI cameras), under our brand GasViewer.

Then, we expanded our range of product with fixed OGI cameras showing the gas cloud and its flow rate in real time, in your control room.

And later, we added flames detection and hot spot monitoring, as well as Flare monitoring to our portfolio, under our brand FlamViewer.

Today, we supply portable cameras as well as gas leaks/flames monitoring full turnkey fixed solutions.

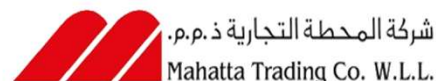
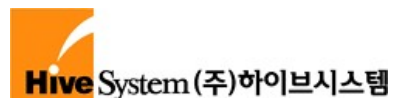


Oil & Gas Technologies
GasViewer
Aix en Provence – France -

Some of our references



TABRIZ PETROCHEMICAL COMPANY



OG Tech products range



GV-P-3234 - VOC
GV-P-4547 - CO/CO₂



GV-P-714
NH₃ + SF₆ + cooling gases



Gas Viewer

Optical Gas Imaging Cameras

(portable and fixed)



GV-F-3234 - VOC
*GV-F-714 - Some VOC + NH₃ + SF₆
Fixed cameras

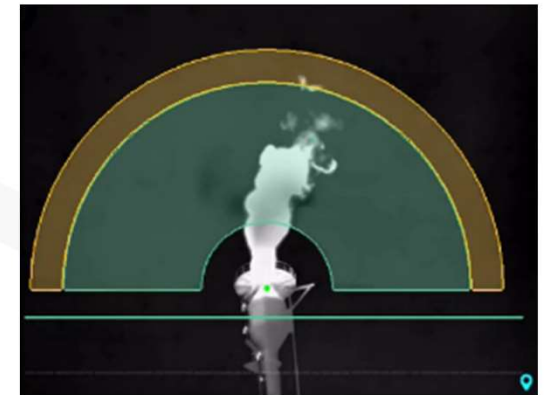


GV-Q-3234
Quantification
software for
portable or
fixed camera

OG Tech products range




FlamViewer
Flames detection



Flare Monitoring solution

Hot spot & Flame detection
(including H₂, methanol
and sulfur)

Light and
heavy oil
touchless
detection
on water



OilViewer
Oil on water detection



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GV-P-3234 / GV-P-714
OPTICAL GAS
IMAGING
PORTABLE CAMERAS



GasViewer

1A – Portable cameras GV-P

ATEX certified OGI cameras



GV-P-3234 – for VOC
GV-P-4547 – for CO/CO₂



GV-P-714 for
NH₃ – SF₆ and
cooling gases

1A -Portable OGI camera

We can see ... Small leaks ...



For the full video,
please click below
to our chanel on



1A -Portable OGI camera

We can see Big leaks ...

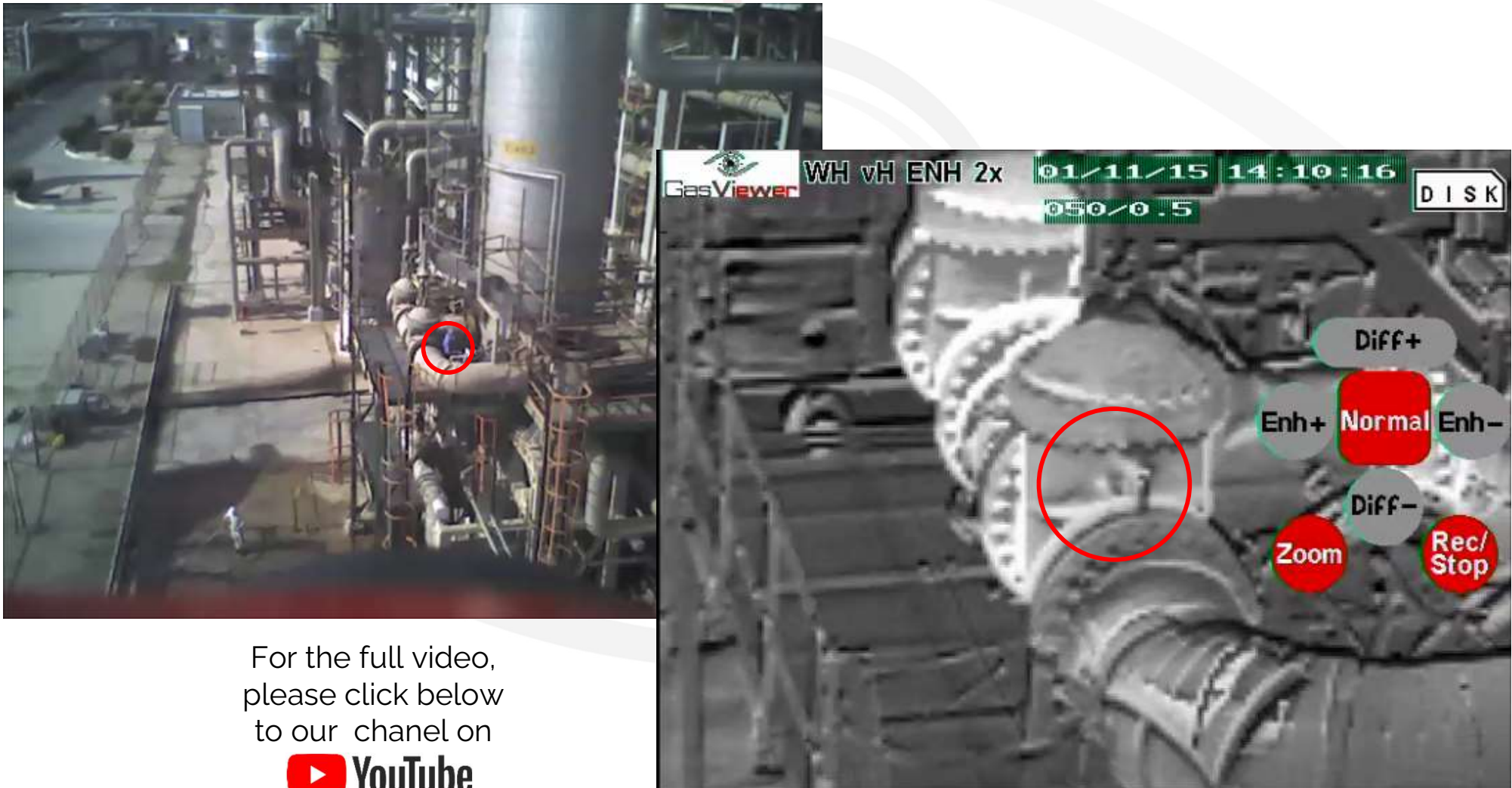


For the full video,
please click below
to our chanel on



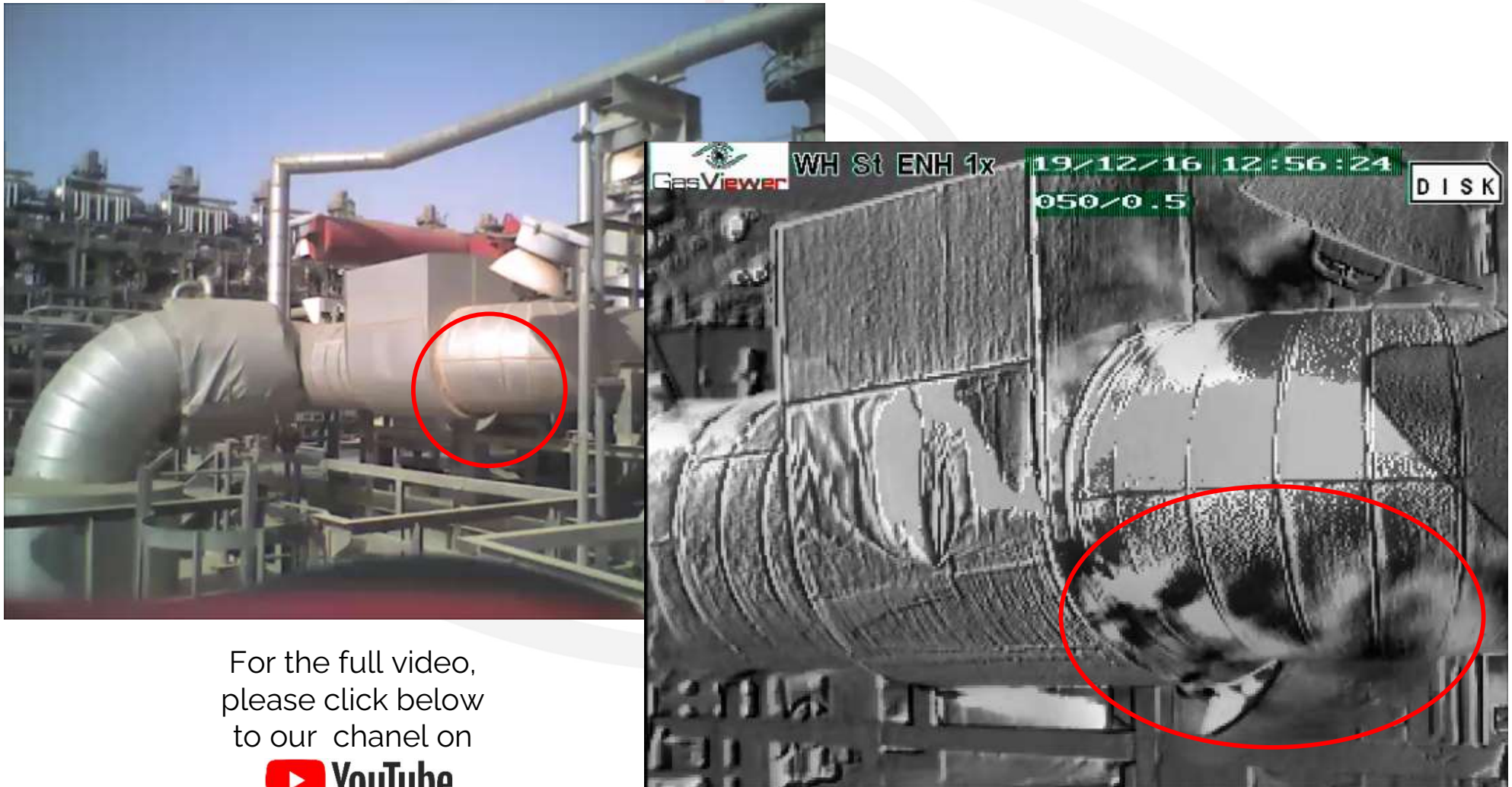
1A - Portable OGI camera

We can see ... Leaks from a distance...



1A - Portable OGI camera

We can see ... Leaks under insulation...



For the full video,
please click below
to our chanel on



1A - Portable OGI camera

We can see Underground leaks...



For the full video,
please click below
to our chanel on



1A - Portable OGI camera

We can see Unexpected leaks...



For the full video,
please click below
to our chanel on



1A - Portable OGI camera

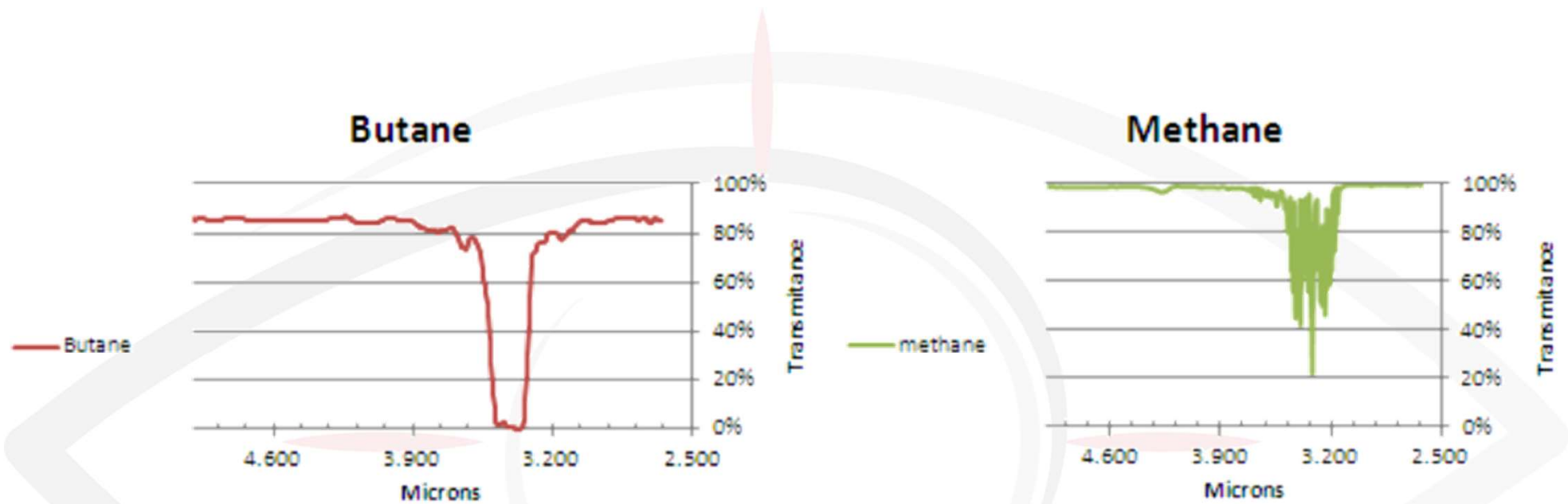
We can see ... Unexpected leaks...



For the full video,
please click below
to our channel on



1B - Operation



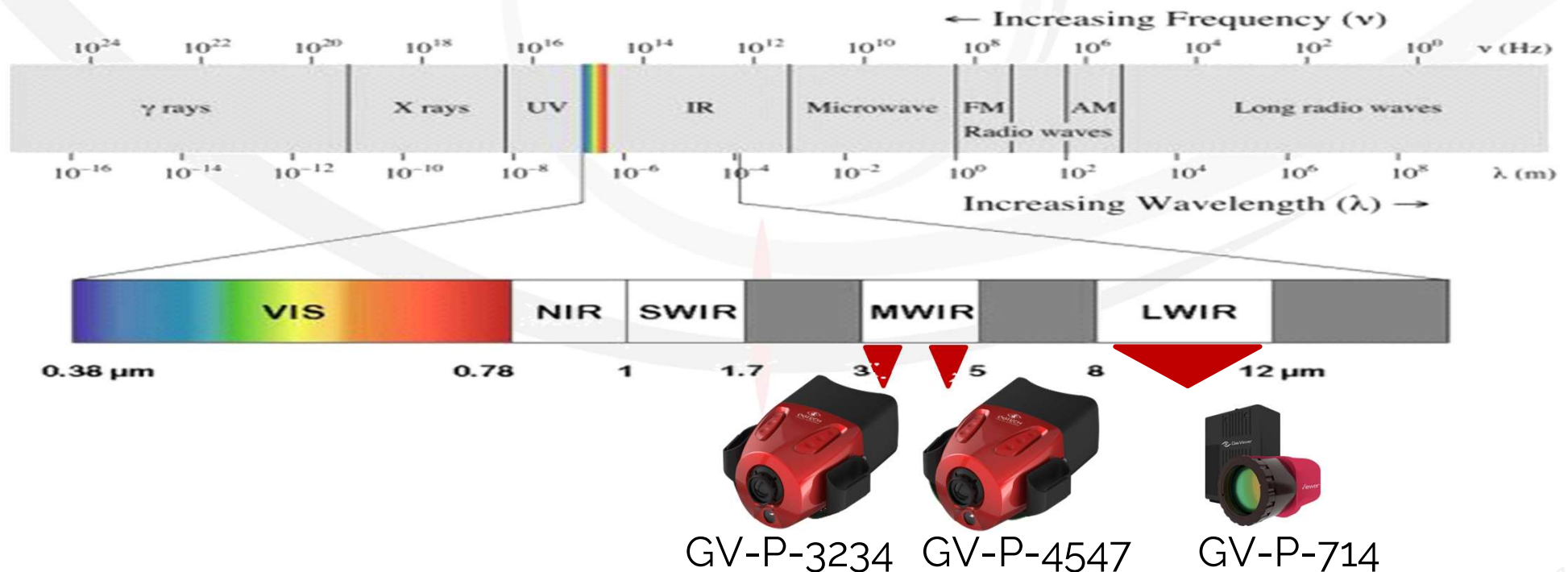
Our camera detects when gases absorb electromagnetic waves from the background, whatever it is.

Each gas has a specific absorption signature in the IR range.

1B - Operation

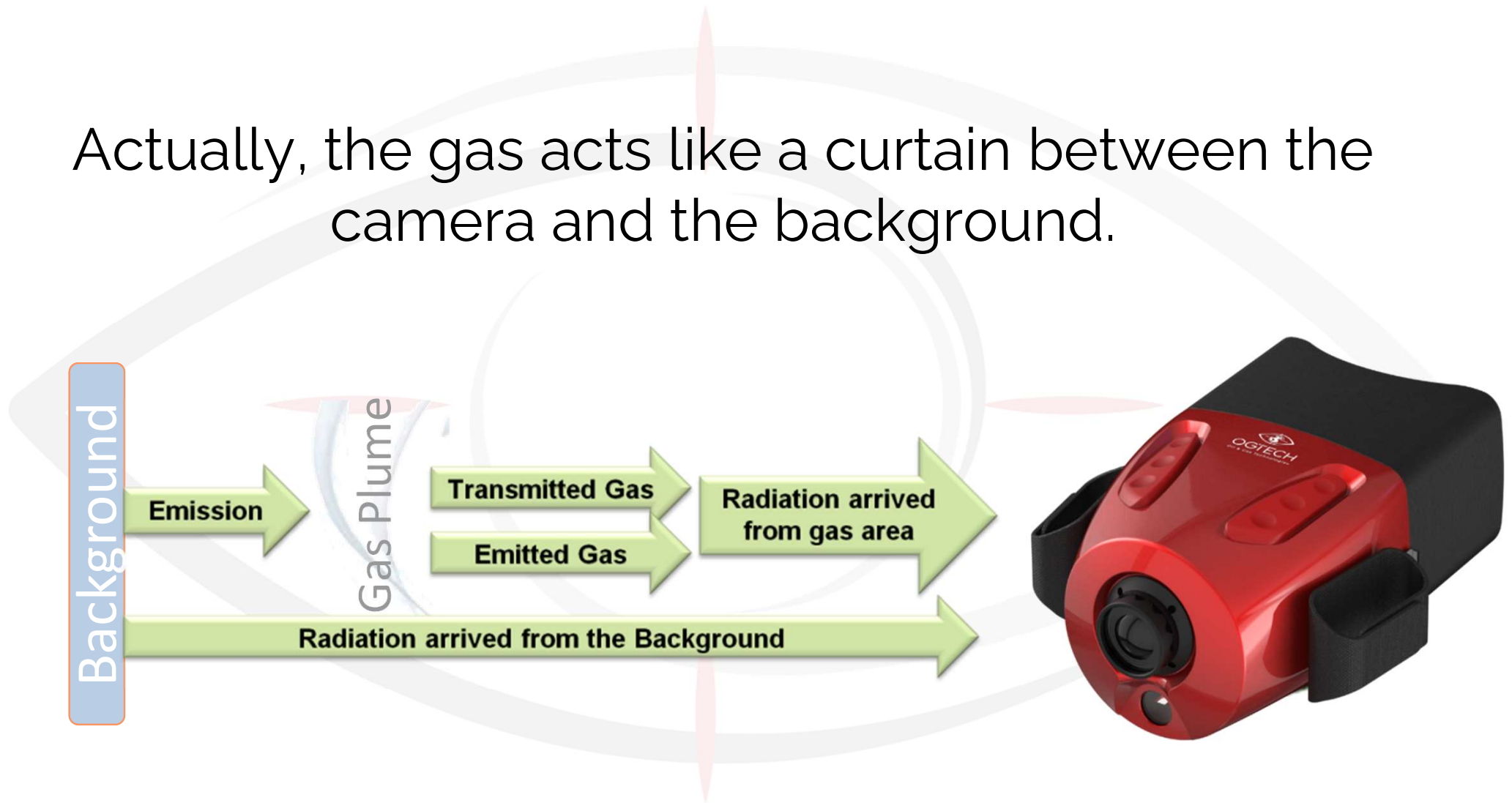
Our cameras are calibrated to see gases with absorption wave lengths between :

- **GV-P-3234**: 3,2 and 3, 4 μm (All VOC)
- **GV-P-4547** : 4,5 and 4,7 μm (CO and CO₂)
- **GV-P-714** : 7 and 14 μm (NH₃, SF₆ and cooling gases)



1B - Operation

Actually, the gas acts like a curtain between the camera and the background.




1C - Options

As an option, our GV-P-3234 can be connected wirelessly to our ATEX tablet including a colorization and quantification (flow estimation) software for the detected gas leak.



CONTACT US

 +33 6 84 722 783

 [OG-Tech](#)

 [OG-Tech](#)



OGTECH

Oil & Gas Technologies

contact@og-tech.fr

+33 4 65 260 760

www.og-tech.fr

Espace Wagner, Bat C, Rdc G
10 rue du Lieutenant Parayre
13290 Aix-en-Provence
France