



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, GRTGaz...).



We specialized in high tech detection systems :

- Optical Gas Imaging cameras
- Flames and hot spots detection cameras
- Oil detection on water

With the years we became integrator to offer our customer full turnkey solutions including our own cameras, power and transmission solutions.

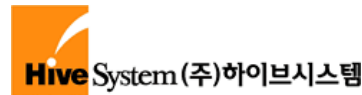
In addition to selling equipment, we can propose LDAR service to our customer, as per the EN15446/EPA Method 21 regulations



Our Iso 9001:2015



Some of our references



OG Tech products range



Portable OGI cameras
– Mono spectral –



Fixed OGI
– Mono spectral –

GasViewer

Optical Gas Imaging Cameras

(portable and fixed)

400+ gases detected



GV-Q-3234

Quantification software for
portable or fixed camera



Transportable OGI
– Hyper spectral –

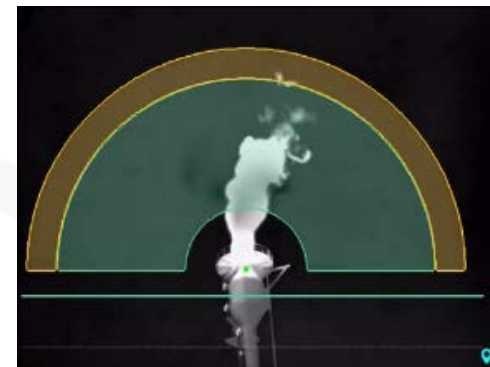
OG Tech products range



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



FlamViewer
Flames detection



Flare Monitoring
solution

Light and
heavy oil
touchless
detection
on water



OilViewer
Oil on water detection



01

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...

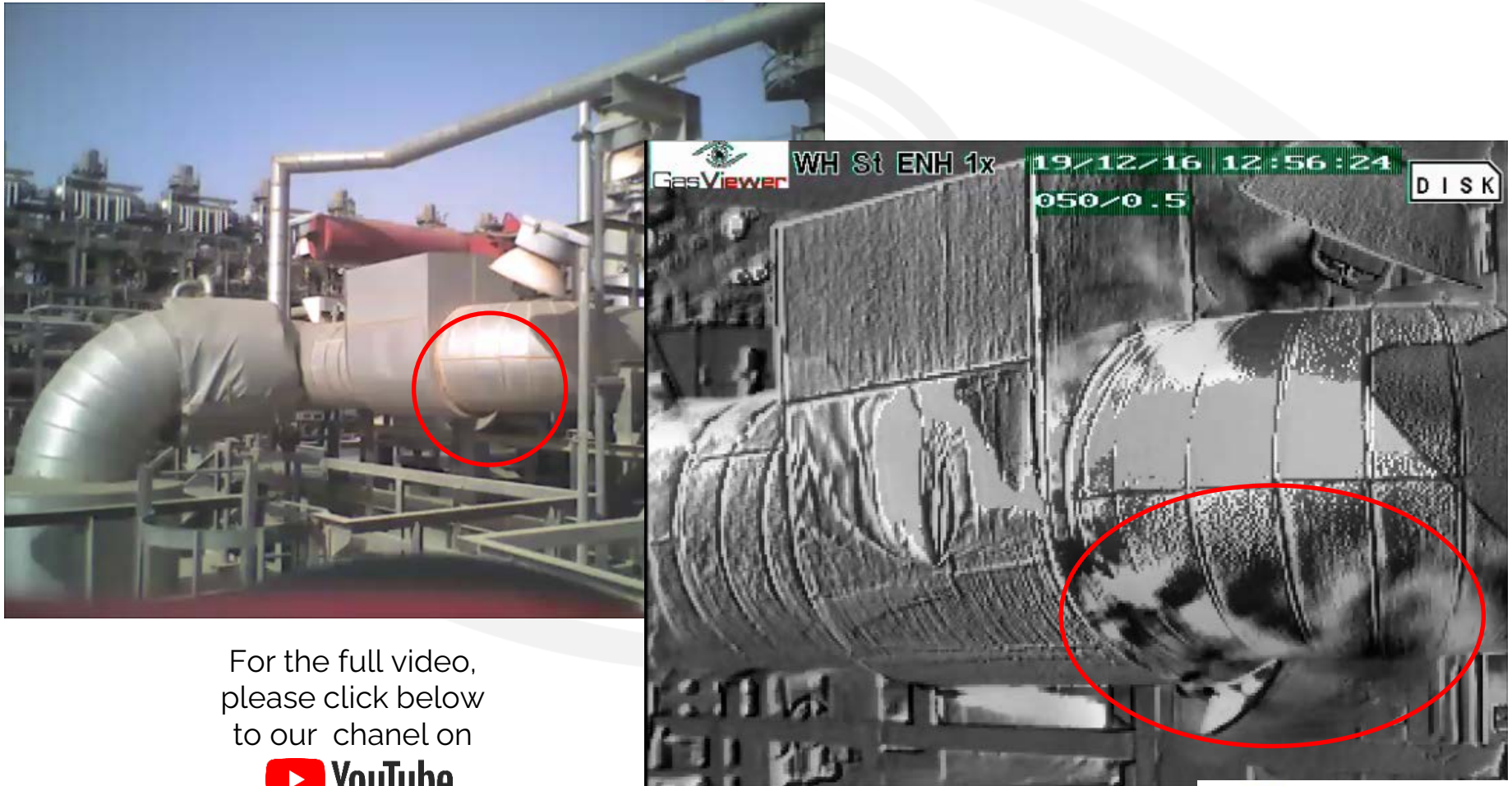


For the full video,
please click below
to our channel on



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 channel 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

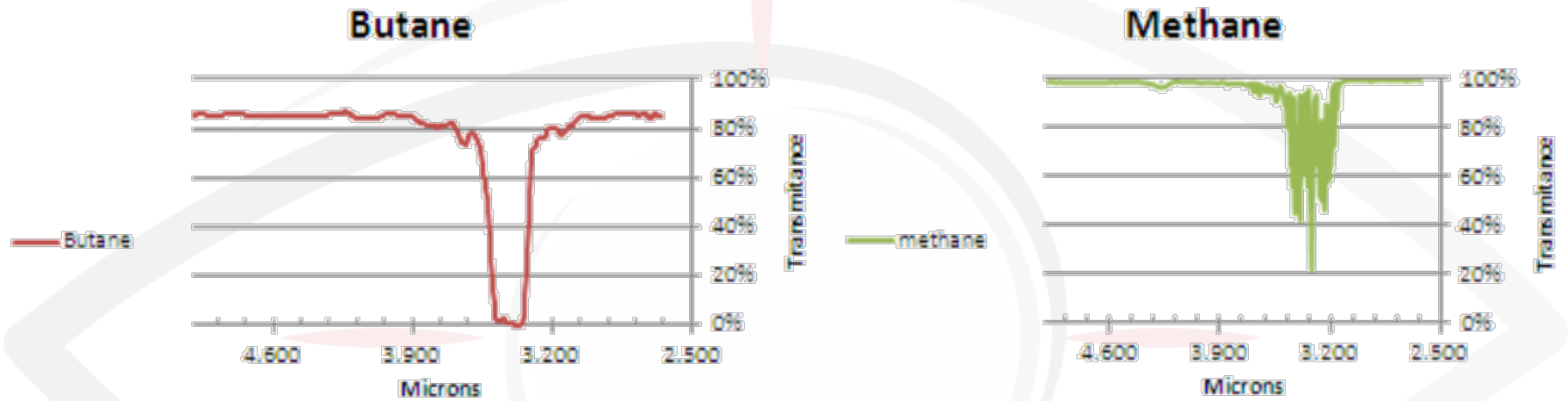
We can see ... Unexpected leaks...



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



1B - Operation



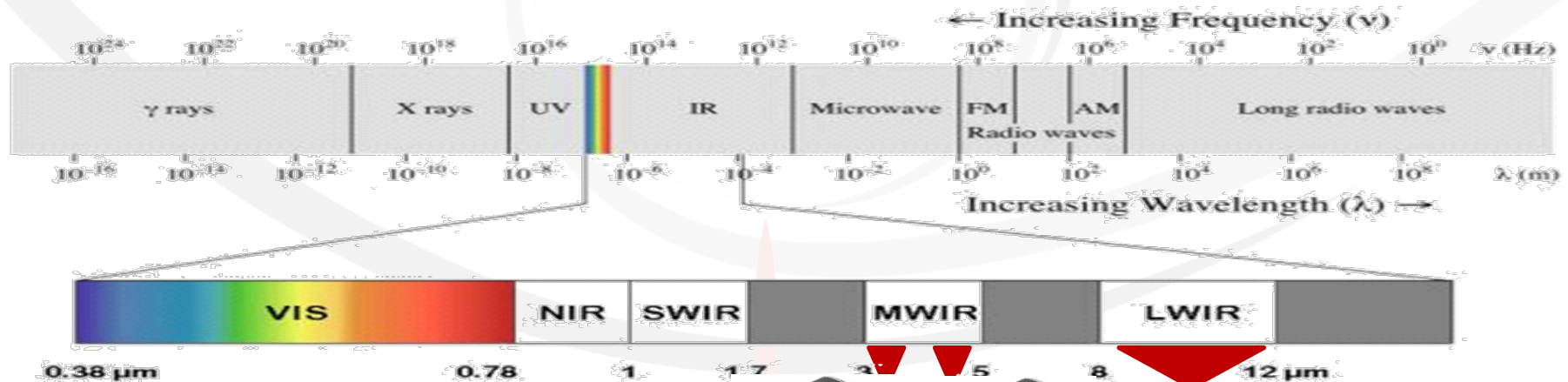
Our camera detects when gases absorb electromagnetic waves from the background, whatever it is.

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 :

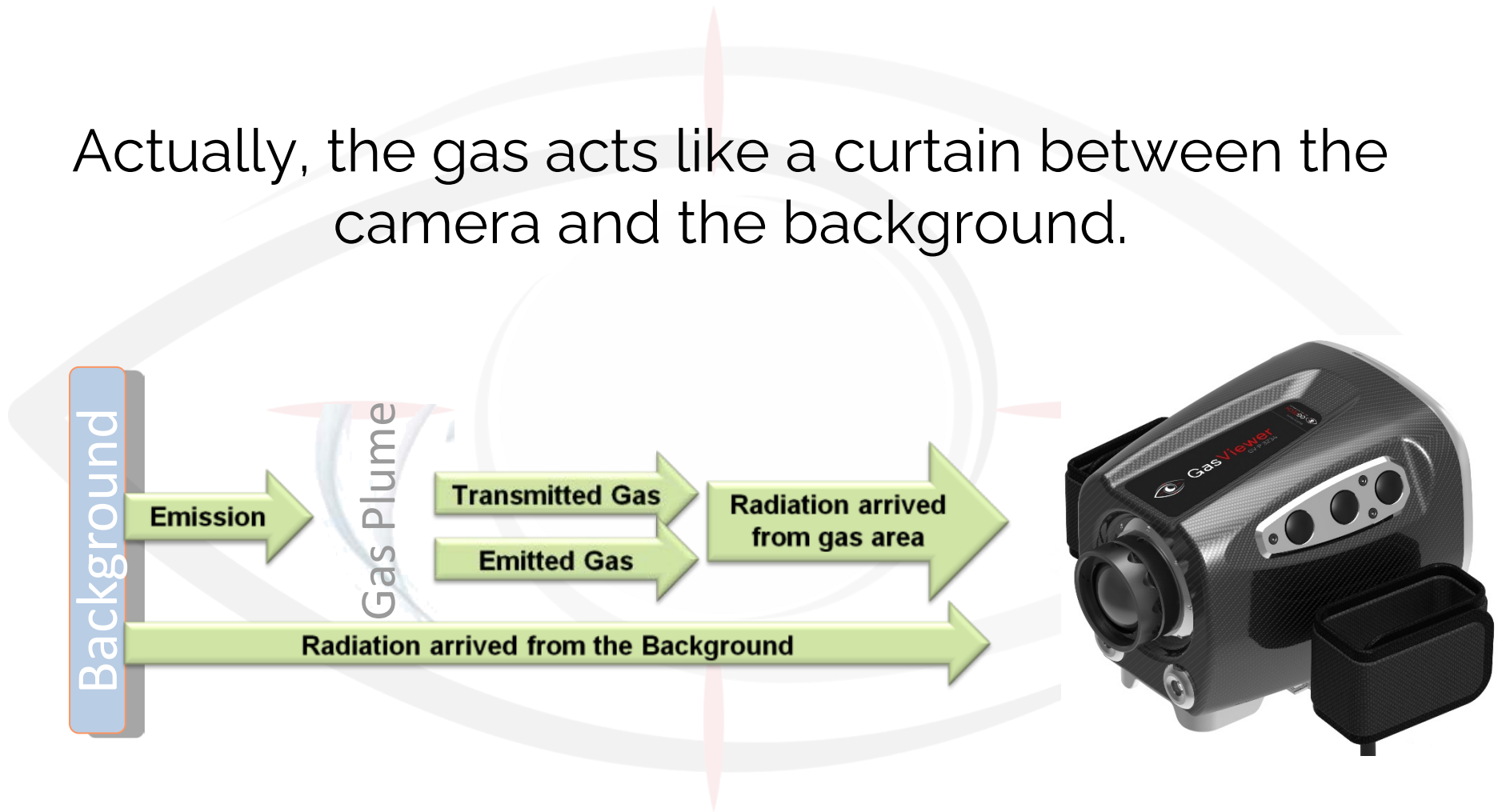
- **GV-P-3234**: 3,2 and 3, 4 μm (All VOC)
- **GV-P-4547** : 4,5 and 4,7 μm (CO and CO₂)
- **GV-P-714** : 7 and 14 μm (NH₃, SF₆ and cooling gases)



GV-P-714

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

大翰科技股份有限公司

Measurement Pioneer Inc.

TEL: 07-550-3689 #204

FAX: 07-550-3389

E-mail: mpi@ms10.hinet.net



OGTECH

Oil & Gas Technologies