FSE SAFE
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1. GV-P-3234 / GV-P-714 OPTICAL GAS IMAGING PORTABLE CAMERAS

1A – PORTABLE CAMERAS GV-P
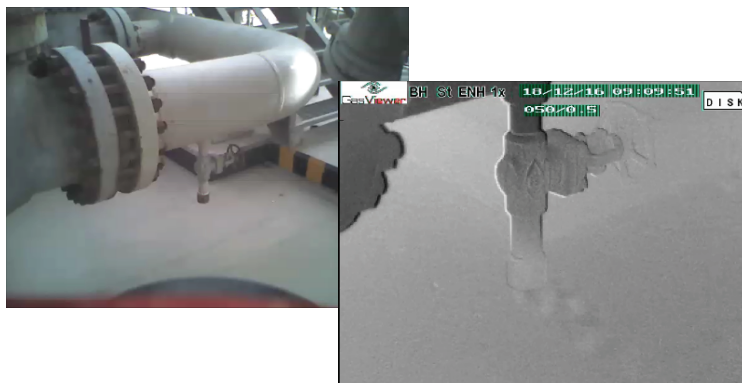
ATEX certified OGI cameras

GV-P-3234 – for VOC

GV-P-4547 – for CO/CO2

GV-P-714 for NH3 – SF6 and cooling gases
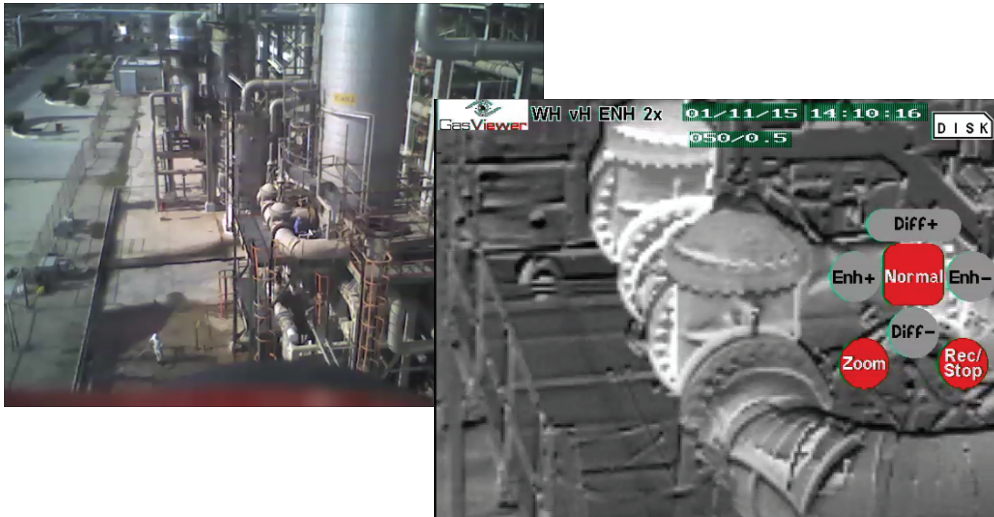
1B –GAS DETECTION
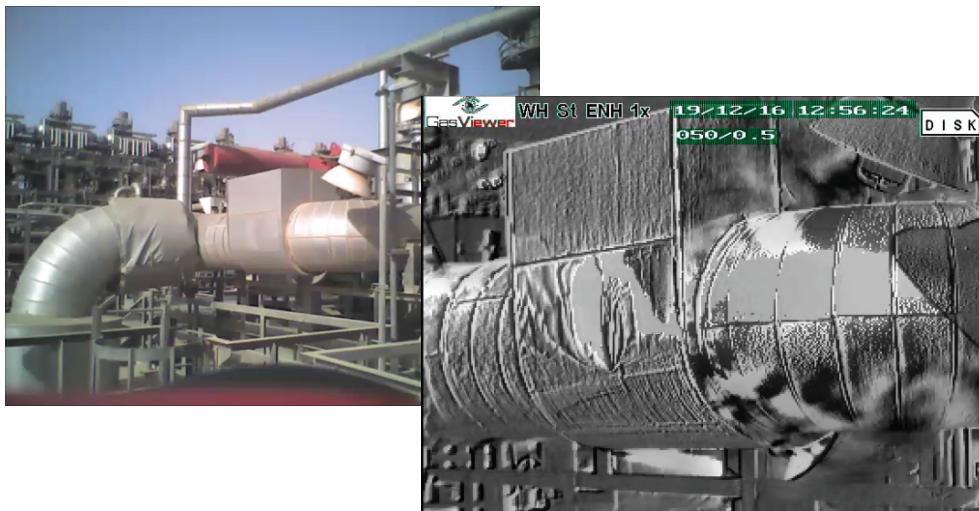
We can see .... Small leaks ...

We can see .... Big leaks ...

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

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

We can see .... Underground leaks...

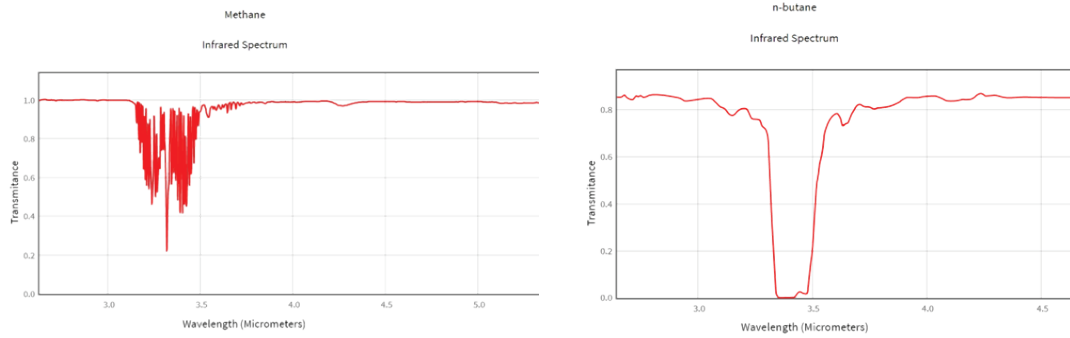We can see .... Unexpected leaks...

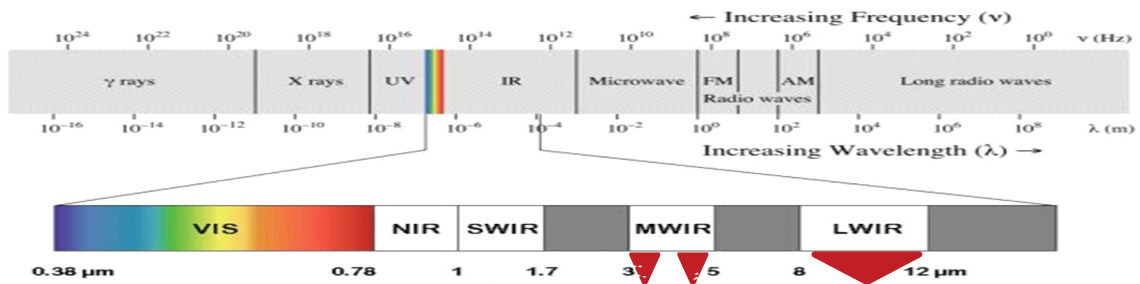

We can see .... Unexpected leaks...

1C - OPERATION

Our camera detects when gases absorb electromagnetic emissions from the background.

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

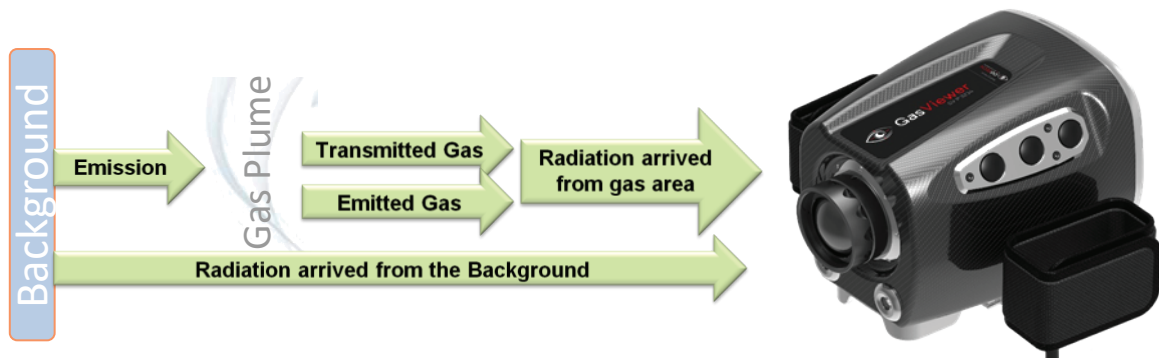And each gas absorb more or less energy."

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)
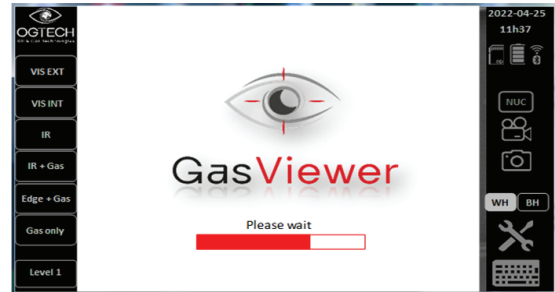

GV-P-3234   GV-P-4547   GV-P-714

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

1D – USER FRIENDLY HMI
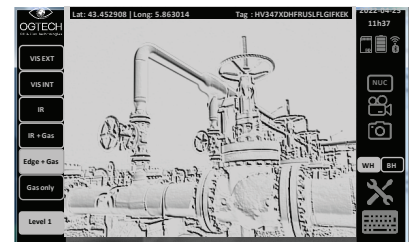

Visualisation modes

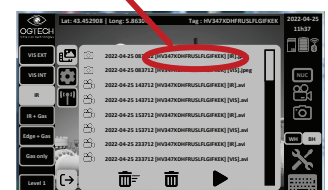Multiple sensibility modes to help you find the smallest leaks
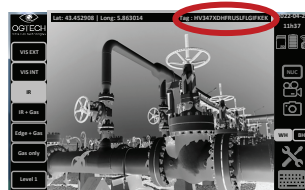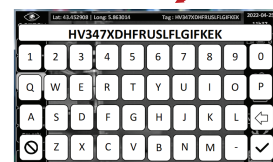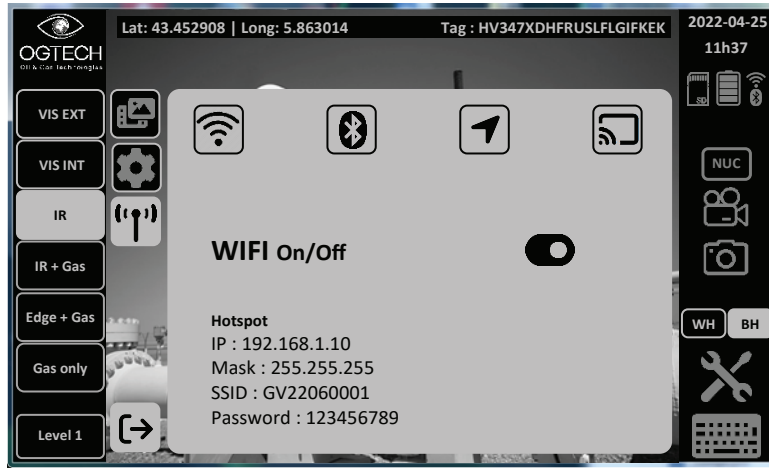

Visible

IR

Gas

Virtual keyboard

Ease your report edition by using the virtual keyboard to record the leaking item tag number directly onto the video and in the video/photo file name

Communication

In order to communicate with other equipment, multiple communications tools are installed on the camera (Wifi, Bluetooth, GPS, Video streaming)

1E - OPTIONS

1 - Video Streaming and remote control

Our GV-P-3234 can be connected wirelessly, using the embedded WiFi router, to an Atex tablet or phone. Once linked, videos can be streamed in real time from the camera to the tablet. In addition, the camera can be controlled from the buttons located on the tablet

2 - Quantification with GV-P-3234 + tablet

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.

Color

IR – Gas detection

Gas quantification – estimation

Contact Us

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