

1.5km



3.5km



3km



Longview 2 for Pipeline Surveillance

KEY BENEFITS:

- You can see in the darkness
- Non-thermal images provide far greater awareness
- You can see through fog, mist, sand and dust storms
- Long Range and Low power means reduced infrastructure
- Remotely operated

Low-power Standoff
Surveillance for
day, night and poor
weather

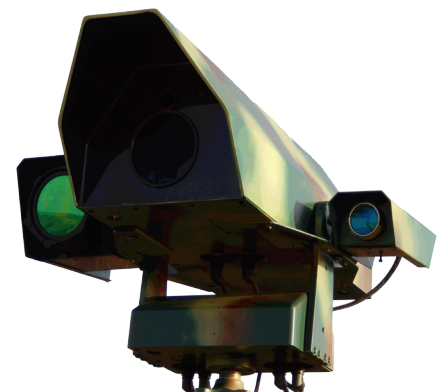
THE CHALLENGE

Pipelines are increasingly becoming the target of both opportunistic and organised crime. Theft, acts of sabotage and terrorism are a significant problem for operators.

With pipelines often covering hundreds of km and crossing many different terrains, the task of protecting these vital arteries is extremely challenging.

LONGVIEW 2, a long range visible spectrum surveillance system, from VIT Innovation, is a low power, ultra long range device capable of providing evidential quality imagery in remote locations.

Longview 2 has 4 cameras in a single head. These cameras give operators the ability to see in almost total darkness and in conditions of extremely poor visibility.



Longview 2 deployed in 'Wide Area Overwatch' (WAO) with camouflage finish and white light and laser illumination

Seeing *is* Believing...

vit
SECURITY GROUP

Longview 2 - Key Features

Visible Spectrum

As opposed to TI, Longview operates entirely in the visible spectrum and so is able to provide far more detail of the subject especially at longer ranges

4 Cameras in 1 System

- Overview camera for wide angle situation awareness
- Colour high resolution
- Ultra Low light (0.00003lux)
- Ultra high contracts (Fog camera)

100x Optical Zoom

- 2 high powered lenses:
- 6-25x optical zoom
- 25-100x optical zoom

Sophisticated Pan & Tilt

- Absolute positioning for full integration with radar and sensors for Slew-to-cue and automated tracking
- Virtually zero backlash

Optional Illumination

Longview2 can be supplied with VIT's Long range laser or white light illumination for use in total darkness

Ultra Low Power

Longview 2 requires only 12V for full operation. Drawing a maximum of 2Amps (500MA at rest) Longview is ideally suited to deployment in isolated rural locations where power infrastructure is scarce. Longview 2 can be self-sustaining if powered from a battery that is trickle recharged by solar energy.

Low Maintenance

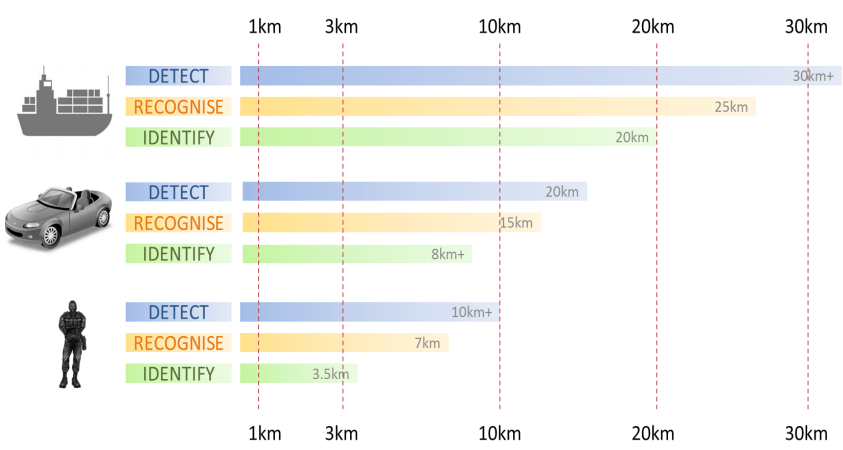
Longview 2 is a low power uncooled system. As such the maintenance burden and through life costs of the system are significantly lower than thermal alternatives.

Control & VMS Agnostic

Longview 2 produces a PAL video signal (2 channels) and has been designed to accommodate Pelco D (2400 baud) as well as Pelco advanced protocols. Custom protocols associated with sensor platforms and radar are also available.

Versatile Rapid Deployment

Deploys in less than 5 minutes for rapid response and incident management



Johnson's Criteria		Example
DETECT	An object is present	Pixels indicate an object
RECOGNISE	The type of object can be discerned	A person versus a car
IDENTIFY	A specific object can be discerned	A woman or a man