

Long Range Surveillance  
Ultra Low Light & Low Visibility  
Visible Spectrum



Oil &amp; Gas

Pipeline

Coastal

Borders

# Longview 2

Long Range Video Surveillance

## KEY FEATURES

- 4 Cameras in 1
  - Overview
  - Colour Hi-Res
  - Ultra Low Light (0.00003 lux)
  - Low Visibility & Fog
- 100x Optical Zoom
- Tracking-Optimised PTZ
- Low Power Consumption
- Robust, Lightweight, Rapid Deployment

## THE CHALLENGE

With surveillance needs developing there is an ever increasing requirement for evidential quality imagery. High quality video capture is needed in all lighting conditions and often in fog, smoke and low visibility. Whilst thermal cameras provide good detection the identification they offer, especially in fog and at long ranges, is limited.

## THE SOLUTION

LONGVIEW 2 is a robust and light-weight, rapidly deployable surveillance platform offering the versatility of 4 cameras in one system. Utilising a powerful 100x optical zoom lens, LONGVIEW 2 enables identification and tracking of vessels and vehicles beyond 20km and people out to 6km. This unmatched capability can be achieved during the day, at night

and in thick fog.

Utilising industry standard mounting brackets and weighing only 23kg, Longview 2 is able to operate for weeks on a single 12v battery. This makes LONGVIEW 2 ideal for multi-role deployments in all terrains and environments.



## OUR MARKETS:



Seeing **is** Believing...

**vit**  
SECURITY GROUP



Shipping at over 20km



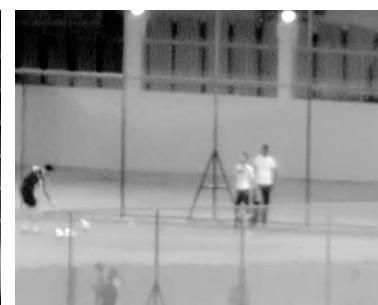
Through fog at 15km



In the dark at 450m



In the dark at 2.5km



## Longview 2 - Technical Specifications\*

| Features                        | Details                                                                                                                                                                                                        |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ruggedized Housing              | IP66 rated housing with marine grade finish to counter corrosion. Multiple housings and finishes available on request.                                                                                         |
| Ultra-sensitive PTZ             | Improved stepper motor for greater pan and tilt accuracy to 11 cm at 1km range                                                                                                                                 |
| 3 + 1 cameras                   | 3 x carousel mounted cameras, electronically selected to offer total versatility in varying light conditions. Additional 4th fixed camera for colour day and night overview.                                   |
| Camera 1 – Low Light Camera     | 0.00003 lux ultra low-light camera unit 570 lines TV resolution and night mode 1 + 2                                                                                                                           |
| Camera 2 – Hi-res Colour Camera | 520 line hi-res colour camera 0.1 lux                                                                                                                                                                          |
| Camera 3 – Fog Camera           | VIT fog camera for penetrating rain, snow, fog, mist, smog and smoke                                                                                                                                           |
| Camera 4 – Overview Camera      | Day/night overview camera 550 TVL resolution                                                                                                                                                                   |
| Lens 1                          | 6x to 25x zoom (400mm with 25mm objective)                                                                                                                                                                     |
| Lens 2                          | 25x to 100x zoom (1050mm with 115mm objective)                                                                                                                                                                 |
| Signal Output                   | PAL (NTSC available)                                                                                                                                                                                           |
| Pan Speed                       | Variable Max to 11 degrees per second                                                                                                                                                                          |
| Pan Resolution                  | Max 19cm at 1000m                                                                                                                                                                                              |
| VIT Controller                  | Colour screen hi-contrast. Proportional PTZ control via joystick                                                                                                                                               |
| Remote Operation                | Longview is optimised for matrix deployment with multiple cameras deployed to cover interlocking arcs of observation for control and monitoring at a central (as well as secondary and tertiary) control room. |
| Versatile Control Options       | Numerous control options are available which can be facilitated by a number of communication bearers including, wired, STACOM, GSM, wi-fi etc.                                                                 |
| Low Power Consumption           | The system operates on 12v DC to allow for installation and operation and servicing without need to have 240 mains power. Simplifies maintenance and reduces through life costs.                               |
| Rapid Deployment                | All components of the Longview 2 system are man portable in a single rugged transport case. Unpacking and set up to full operation can be completed in 10 minutes (5 minutes by an experienced operator).      |

\*Specifications subject to change without notice due to developments and upgrade paths

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