

Longview 2

Sand Trials in The Middle East



"We've done exhaustive testing in snow, rain and fog but we were really delighted with the performance of Longview 2. This confirms that the systems's high contrast camera is equally adept at penetrating sands storms"

Dave Harmon, CEO

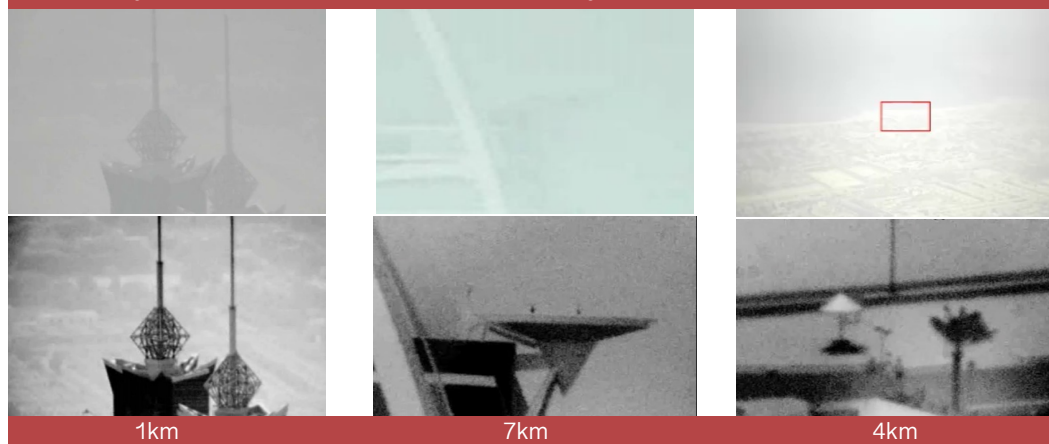
In August and September the VIT team conducted a series of demonstrations and tests to evaluate the performance of Longview 2 in the sandy and dusty conditions of the Arabian Gulf.

Carried out in Dubai, Abu Dhabi, Doha and Bahrain, the trials included extended operation in temperatures of over 50C and in high humidity. The results were conclusive in confirming that the Longview 2 high-contrast camera performs equally well through sand, dust and haze as through fog and mist.

The high-contrast sensor - key features:

- Real time contrast correction at a pixel level onboard the camera.
- Both dark and light areas of the image can be averaged and the contrast automatically maximised.
- 15dB correction offers up to 20x additional contrast allowing the camera to see through obscuration far in excess of human eye and standard cameras.

The images below are three examples of the results achievable at ranges of between 1km and 4km. The top images show the colour camera and below, the high-contrast camera



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