

Gemini Systems for Oceanscan



Tritech International Ltd, UK, has secured a deal with Oceanscan for the purchase of multiple Gemini 720is and Narrow Beam Imaging (NBI) units from the company's range of multibeam imaging sonar. Oceanscan has also invested in the [Gemini Narrow Beam Imager \(NBI\)](#) which is suitable for use in pipe and cable lay tracking, ROV and AUV navigation and mining visualisation. The product produces an acoustic image, cutting through water with a narrow acoustic beam and at a high refresh rate.

The Gemini 720is, an upgrade of the [Gemini 720i](#), was launched in March 2016 and combines the benefits of high-definition imaging with long-range target detection making it ideal for Autonomous Underwater Vehicle (AUV) and ROV platforms, including installation on pan and tilt units.

The electronics offer real-time visualisation and a fast update rate of 30Hz across a 120 degree field-of-view. The Gemini 720is is also ideally suited for target recognition, subsea monitoring and inspection and obstacle detection.

Based on the proven design of the Gemini 720is, the NBI is able to produce images with a 10mm range resolution while the 0.5" horizontal angular resolutions results in a sharp sonar image.

<https://www.hydro-international.com/content/news/gemini-systems-for-oceanscan>
