

MacArtney Unveils New NEXUS 8 Multiplexer at Ocean Business



Underwater technology specialist MacArtney is launching the latest addition to the NEXUS multiplexer family at the biannual Ocean Business 2021 exhibition.

Continuing a long tradition of developing products in consultation with the marketplace, the NEXUS 8 is the result of considerable customer and end-user input to ensure the product will fit the need, as explained by Lars Jørgensen, head of product management at [MacArtney](#): “Naturally, we have our own opinion on what a multiplexer should be able to do, but what’s more important is what the customer and end-user expects and needs. We specifically wanted customer input on what they wanted from a new generation multiplexer, and their requirements for new, advanced subsea telemetry systems when developing the NEXUS 8.”

Multibeam Sonar

NEXUS 8 is the latest addition to the NEXUS multiplexer family, a range that has consistently gone from strength to strength, designed to provide an efficient link between surface and seabed. This new, future-proofed model is smaller and lighter than not only its predecessor, but also its competitors, specifically designed for environments where space is at a premium and to fit into virtually any existing subsea system.

NEXUS 8 is a HD video and multibeam sonar multiplexer, with ultra-high bandwidth and three full HD video interfaces for up to three HD cameras, able to provide real-time monitoring without any latency, and to run instruments and sensors for measurement, surveys, sonar, manipulation and control.

The solution features intelligent programmable eFuses for dynamic performance and to save space. eFuses are suitable for subsea systems, offering flexible, dynamic programming and avoiding time-consuming and expensive recovery operations for minor repairs.