



New Rugged Applications for EEOS CLR 01
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Sample Applications

K&K Warehousing, a shipping company based in Michigan and Wisconsin, has placed the CLR 01 video camera on a crane with a simple clamp and on incoming ships to monitor the operation of their cranes. The cameras on the ship were configured using a hardened wireless set to avoid cabling. The foreman had looked for ruggedized video solutions to monitor shipment transfers but hadn't been able to identify products under \$3,000 for his applications. EEOS worked with them to develop a practical, effective installation on a practical budget. In addition to withstanding wet environments the cameras' operation and video quality are unaffected by the jarring movements on the cranes. Burt Rentmeister, K&K Warehousing foreman, indicated that "the products and help I received from EEOS have been outstanding."

Another unique application for the camera, one that characterizes its unique applications, is found when used inside hot and humid tanks. Another Michigan company required a camera that can perform in very hot and humid conditions inside washer tanks. The CLR, less than two inches in length and weighing less than two ounces, has been an ideal fit. The company's Engineers have designed a system to install the camera using temporary clamps in the wash tanks. The cameras, compatible with Nema 4 standards, performed well in the very hot temperatures - approaching 180°F and high moisture. The lead engineer praised the CLR01 as easy to assemble and operate.

Mike Libeck, an international climber who frequently travels to some of the world's most remote regions, recently used our camera while walking across western China's Taklimakan Desert, and most recently on a NASA-sponsored 6 week climbing trip in Antarctica, where temperatures dipped to -30°F. He reported no failure or problems on either expedition.

The CLR01 video camera is designed using a simplified process in order to minimize breakdowns in very harsh environments. Manufactured in the U.S., EEOS engineers are enthusiastic about successfully designing ruggedized solutions for environments where affordable process monitoring was not available.