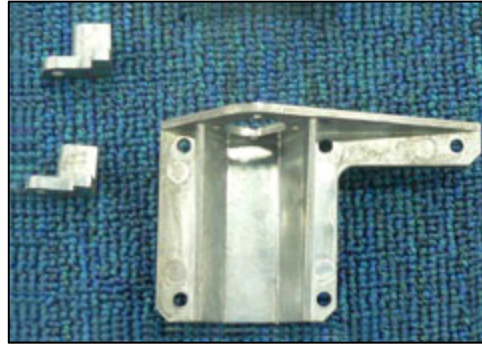


DC Gear Motor Assembly for Articulating TV Mount – *Case Study*



Overview: One of our current customers, a leading manufacturer of automation technology for the home and workplace, had been building a custom DC gear motor drive module for a conference room articulating TV mount.

Challenge: There were a few different challenges with this particular project that ISL was able to overcome. Managing the manufacturing of this module required sourcing multiple components, including the tooling of 3 unique pieces, two of aluminum die-casting and one injection molded plastic, from several factories. A kit of 14 unique parts had to be ordered, received, inspected, inventoried and scheduled for production, processed in multiple steps on an assembly line, then inspected, tested and inventoried once again for future integration into a master product.

Solution: At the time, ISL was the supplier of the custom DC gear motor for this drive module. When we discovered that the customer was adding these additional components and production steps to complete the module, we recommended that ISL take over the management and production of the entire drive module. This included sourcing, tooling, assembling, testing, inspecting, packaging and warehousing the completed module. This ensured that the customer could receive a complete installable module on their assembly line at the exact time their master product was scheduled for production. The realized cost efficiencies, both in time and overhead, were substantial.