

Design and build an interface circuit between the Intel Galileo 2.0 Kit and a camera.

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Abstract: This topic focuses on building and designing an effective communication system between the Intel Galileo 2.0 Kit and various types of cameras to optimize the data processing from video. The research is conducted by combining theory with experimentation to address the practical need for integrating sensor devices and communication in automated surveillance applications. The objective of the topic is to create a system capable of providing reliable information for various industrial applications, from security to image analysis. Expected results from the topic include the development of an efficient and sustainable communication solution, making a significant contribution to the field of automated surveillance system design.

Keywords: Intel Galileo 2.0 Kit, Camera, Communication, Automatic Monitoring, Technology Integration