



Pelco, Inc.
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Senior Camera Developer - Ft. Collins, CO or Fresno, CA - United States

[Pelco, Inc.](#) is a Motorola Solutions Company and a global leader in the design, development, and manufacture of predictive video security solutions, including video surveillance cameras, video management and recording systems, security software, and aligned services.

As the single source for video, security management, and intelligence solutions, Pelco is committed to delivering a broad range of high-quality products and systems that make the world a safer place. Across a wide span of industries, loyal customers and partners turn to us as an end-to-end provider of video technology that is designed to propel faster deployments, higher levels of system resilience, and a lower total cost of ownership.

For more than 63 years, Pelco's foundation has been built on developing close relationships with our customers and partners. Service has always been a part of our culture, and we continue to position ourselves as a trusted source for customer-centric leadership across the security industry.

At Pelco, you can be on the forefront of technology and make a difference in people's lives. We work with some of the best people in tech, in a dynamic, collaborative environment, and at a company that helps make the world we live in a safer place. We're always interested in hiring intelligent, adventurous people.

Position Description

Pelco is seeking a top-tier candidate for Senior Camera Development Engineer. This position will be responsible for designing and developing camera firmware that interfaces with the hardware, particularly with the camera-specific processor (SoC). This will require understanding and advising the hardware development of the camera from a perspective of the feature requirements of the camera. In addition, this will require understanding and development of the camera firmware to control and maximize the video encoding and imaging processes of the SoC.

The Senior Camera Developer is a full-time position, reporting the Camera Firmware Manager. The position is located in Ft. Collins, Colorado, or Fresno, California.

Essential functions

- Designing and implementing the interface to the Software Development Kit (SDK) of the camera SoC to control video encoding and streaming for the camera.
- Reviewing and advising camera circuit-board development to ensure feature requirements are achievable.

- Maintaining competitive analysis of new SoC's in the market to help drive feature requirements for future cameras.
- Integrating and mastering the use of the SDK of the selected camera SoC.
- Designing and implementing camera boot procedure for new camera hardware.
- Contributing to optimizing image-pipeline parameters to achieve excellent image quality.

Qualifications

- B.S. with 10+ years of experience or M.S. with 5+ years of experience in Electrical Engineering, Computer Science or related fields.
- 5+ years of industry experience in working with camera SoCs and their respective SDKs.
- Ability to read schematics and data sheets for camera components and circuit boards.
- Proficiency in C and C++.
- Familiarity with techniques to optimize video encoding and image processing.
- Ability to independently analyze and resolve issues related to the firmware interface to the camera hardware.
- Ability to work with multi-cultural teams.
- Strong interpersonal communication skills.

It is the policy of Pelco, Inc., to provide equal employment and advancement opportunities in the areas of recruiting, hiring, training, transferring, and promoting all qualified individuals regardless of race, religion, color, gender, disability, national origin, ancestry, age, military status, sexual orientation, marital status, or any other legally protected characteristic or conduct.

Pelco Inc. does not accept resumes from search firms, and is not responsible for fees related to such.