1. Can you please provide your contact information and a name for your project that we should refer to it by?
2. What is your best estimate of the projected annual volume of cameras and/or frame grabbers needed?
3. How would you describe your application and the role the camera and/or frame grabber will play / what is the camera looking at?
4. Will the cameras and/or frame grabbers be used in a system your company plans to resell?
5. Have you ever used Basler products before? If so, which ones?
6. How would you classify this project?  
    New invention or application.  Next generation of an existing product.  Retrofit of existing product.
7. If this is for an existing application, can you tell us which camera / frame grabber you are currently using?
8. What stage of development are you in currently, and what is your overall timeline?
9. What are the critical specifications the camera and/or frame grabber must meet?  
   (Including certifications, operating environment, mechanical tolerances, price, cleanliness, etc.)?
10. If you have already selected a camera and/or frame grabber for this project, how did you arrive at this selection?
11. Will you need only the camera/frame grabber hardware and accessories, or would you need additional services?  
    (e.g: software/hardware development, system integration, contract manufacturing, etc.)
12. Which market is your application targeting?  
     Factory Automation (e.g. Product inspection, quality control)  
     Medical (e.g. Surgical, diagnostic imaging)  
     Intelligent Transportation Systems (e.g. toll booth systems, license plate reading)  
     Logistics (e.g. Package shipping, mail sorting)  
     Retail (e.g. Grocery Stores, advertising)  
     Service Robotics (e.g. remote welding inspection, vacuum-cleaner robots)  
     Other: Click or tap here to enter text.
13. If you have already determined some design specifications for the project, could you share some details below?

|  |  |  |  |
| --- | --- | --- | --- |
| **Specification** | | **Must Have** | **Nice To Have** |
| Object & Scene | Field of View (e.g. 2m x 2m) |  |  |
| Working Distance (from camera to object) |  |  |
| Spatial Resolution desired (e.g. 50 mm/pixel) |  |  |
| Speed of object (if moving in front of camera) |  |  |
| Size of smallest detail on object (e.g. 10x10 microns) |  |  |
| No. of pixels detail should be represented by (e.g. 20x20) |  |  |
| Optics | Type (standard lens, microscope obj., etc.) |  |  |
| Aperture size (f/#) or objective magnification |  |  |
| Focus type (fixed, variable, auto) |  |  |
| Light | Lighting type (including wavelength) |  |  |
| Camera | Pixel Count (e.g. 640x480, 1920x1080, 5MP, etc.) |  |  |
| Camera Framerate |  |  |
| Color or Monochrome Image |  |  |
| Distance from camera to PC (cable length) |  |  |
| Bit Depth (e.g. 8 bit, 10 bit, 12 bit) |  |  |
| Sensor model (e.g. IMX174) |  |  |
| Camera Interface (e.g. USB, CXP, MIPI) |  |  |
| IO lines & type (e.g. for triggering / strobe) |  |  |
| Host & Software | Image processing software (e.g. OpenCV) |  |  |
| Programming Language (e.g C++) |  |  |
| Host Platform (e.g. Windows, Linux, Mac, ARM, Android) |  |  |
| Interface Card / Framegrabber model |  |  |
| Data rate from camera to framegrabber (MB/sec) |  |  |
| Data rate from framegrabber to PC (MB/sec) |  |  |
| Image processing location (e.g. PC, Grabber, Cloud) |  |  |
| Image processing device (e.g. CPU, GPU, FPGA) |  |  |