* **Overview**

Here is for briefly describing what is RGGBer dev kit.

* **Key performance**

Max resolutions, max frame rate, compact size, low cost, expansibility, FPGA framework,

wireless controls, etc.

* Post RGGBer dev kit’s family photo here

* **Features and specifications**

Main chip, data sheet links, size, add-on cards, expansion interfaces, etc.

* **RGGBer is fully open source**

Links of design and other documentations on GitHub site.

* **Why do you need RGGBer dev kit?**

Speed up schedule, lower the threshold of embedded vision developments, share works

from other users.

* Post the time lines with and without RGGBer dev kit
* **Who needs RGGBer dev kit?**

Describe the user’s outline.

* **FPGA processor board and video mainboard**
* Post board level diagram
* Briefly describe these two core boards
* Post pin out images and table
* The benefits of this modularized concept
* **Expansion interfaces and add-on cards**
* Briefly describe iXHis port and QVGA LCD add-on cards
* Briefly describe iXCtrl port and its add-on cards
* Briefly describe iXCIS port and add-on cards solutions
* **Wireless controls and Android App support**
* **What can you do with RGGBer dev kit?**
* Digital camera, the typical application of machine vision
* VPU card, the typical application of high performance image signal processing
* multi -camera image net, the typical application of video surveillance
* Entry level ADAS, the typical application of ADAS
* Endoscope, the typical application of medical
* **Using RGGBer to build middle and large scale vision system**

Briefly describe how to connect RGGBers as pipeline structure for complicate ISP function

prototyping

* Post the image of this solution
* **Comparisons table**

Show several comparable dev kits and boards

* **The history of RGGBer dev kit**

Briefly description and link to further campaign update

* **sketch goals**
* **Manufacture plan**
* **Risk and challenges**