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| Overview |
| This driver is for IMX477 camera kit with Nvidia Jetson Xavier CPU module (SOM).  This driver supports up to four IMX477 cameras.  This driver supports 4065x3040@30fps.  This driver is based on R32.7 (Jetpack 4.6.1). |
| Hardware list |
| 1 ~ 4 x LI-IMX477-MIPI V1.0  1 x LI-JXAV-MIPI-ADPT 4CAM V1.0 |
| Fpga version(no) |
| Sensor board fpga:  Carrier board fpga: |
| Hardware connection |
| 978abff62bcc84cbb81e669581bd977 |

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| Rework infor |
| Need mount an eeprom in the red circle |
| Setup Procedure |
| 1. Flash your Xavier system(followed Jetson\_platform\_flash\_guide). 2. Setup hardware connection like above pictures. 3. Power on your Xavier kits. 4. Insmod imx477.ko 5. You can use nvgstcapture-1.0 and argus\_camera to get install |
| Special software configuratiion |
| * + - 1. IMX477 camera module need mount eeprom.       2. If eeprom is empty, need flash sample eeprom file. Reference the sample\_eeprom\_flash\_tool |

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| History infor | | |
| Revision | Description | Release Date |
| 20210826 | First release based on R32.6.1 | 20210826 |
| 20211013 | Only support 1 camera | 20211013 |
| 20220323 | Support 32.7 | 20220323 |
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| Known bug | | |
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