Kneron host_lib v0.9.1

New Features

- Integrated host_lib for Kneron KL520 and KL720 chip

- support ISI mode raw output usage

- support new model format(.NEF file)

- provide demo example for multiple dongles (FW: tiny_yolo_v3_companion)

- provide UART BOOT example (example/KL520/kl520_util_uart_dfw_boot)

- (alpha release) New Architecture for Easy Inference - kdp2 API
  Refer to http://doc.kneron.com/docs/

    - Getting Started -> KL520 -> v1.4.0.0 For Kdp2 API
    - Host API Reference -> v0.9.0 -> Host Kdp2 API Reference

Changes

- models are changed in new model format(.NEF file)
- rename example names for different devices
- removed some dummy functions/examples

Bug Fix

- cannot reconnect after de_init_lib()

Anomalies/Limitations

- Image width must be multiple of 2 for RGB565/YCBCR422 and 4 for NIR in KL520 **limitation**
- Switch between ISI/DME and different DME run needs to consider model result size:
  the second model run must be smaller than the previous one **limitation**
- Built-in models are for example purpose only.
- Python examples are not supported for KL720
- KL720 examples are in alpha release