## AiPi-Eyes-DU Firmware Use Tutorial



# 1. Firmware burning

# 1.1 Burning

Burning tool Download: <u>click to download</u> Firmware address: <u>click to download</u>

Open BLDevCube.exe, choose BL616/618, click Finish.

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View Help					
IDT V MCU V MFB	3. Sel	ect COM port			
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aes-encrypt key (18 bytes)	iv (16 bytes)		Port/SN	COM15	
eco-signature public key	Browse private key	Browse	Uart Rate	100000	
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√ Enable 0x0 E.Work开报号	(14:WP): Audio:WPI: Audio_test.bin	Browse		Refresh	
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		2 to refresh		pen Uart	
1. Check the box and sel	ect the corresponding firmware	Lite renear	Creat	e & Downloa	ed .
		4. click to burn			

After the burning tool starts, press and hold the "Download button" to start the burning, and then release it.

Note: After the firmware is burned, you need to press the reset button once before the program can run.

## 2. Secondary development

Achieve RGB three-color light cycle breathing on and off

### 2.1. Clone (Linux instruction)

git clone -b release/v1.0.0 https://github.com/Ai-Thinker-Open/Ai-Pi\_Eeys.git cd Ai-Pi\_Eeys git submodule init git submodule update

cd aithinker\_Ai-M6x\_SDK . install.sh . export.sh cd ..

#### 2.2. Compile

make

#### 2.3.Download

make flash COMX=/dev/ttyUSB0 //Use the Type-C line to connect TTL-USB to enter the burning mode as follows: //After the command is issued, long press the Burn key (S2), and release the Burn key (S2) when the burning starts.