AiPi-Eyes-R1&R2: 4-inch RGB screen driver board test firmware usage guide



AiPi-Eyes-R1

AiPi-Eyes-R2

1. Firmware burning

1.1 Serial port wiring

TTL tool	AiPi
3.3V	3.3V
TXD	RX
RXD	TX
GND	GND

1.2 Burning

Burning tool download: <u>Click to download</u> Firmware address:

After the burning tool starts burning, First press and hold the "Download Button", then press the "Reset Button" and then release it to enter the burning mode.

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

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Bo	BL616/618	6

Bouffalo Lab Dev Cube 1.8.3 - BL616/618						-		
View Help	3.choose COM port				Basic Options			
partition table			E	Irowse	Interface	Uart		+
aes-encrypt key (16 bytes)		iv (16 bytes)			Port/SN	COM15		+
ecc-signature public key	Browse	private key		Browse	Uart Rate	100000		
Single Download Options					JLink Rate	1000		
✓ Enable 0x0 E:/Wo	rk/开源硬件/AiPi-Audio/AiPi-Audio_test.b	in	E	irowse	-	Refresh		
	*			_	/	Clear		
				/		Log		
	N		2.refresh	attanen er	(Open Uart		
1. Check an	d select the corresp	onding firmware			Creat	te & Down	load	
			4. Click to	burn				
			a second contraction of the second					

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

2. Steps for usage

AiPi-Eyes-R1&R2is equipped with a 4-inch RGB screen, R1 is equipped with two speakers and microphones, and R2 is equipped with one speaker and microphone. After successfully burning the factory firmware, the following interface will appear. The light control can be clicked to turn the light on and off. The volume input from the microphone will be output from the speaker.

