Lite Console (KS-GC15-D)

Software Upgrade Instruction

Preparation

- Download the upgrade program and firmware from the link below. <u>https://www.kazovision.com.cn/sports/ultrascore/download/upgrade_ks-gc15</u>
- 2. Connect the console to power and PC, and turn off the switch of the console.
- 3. Open the "mcuisp.exe".

mcuisp V0.993MCU In System Programmerwww.mcuisp.com		×
<u>S</u> ystem <u>H</u> elp <u>L</u> anguage <u>E</u> numPort <u>P</u> ort <u>b</u> ps:115200 <u>w</u> ww.mcuisp.com Free SW,HandHeld ISP Programmer		
Code File For Online ISP:	Auto Reload Before Program	
HandHeld eLoader STM ISP Free STM IAP LPC2xxxISP		^
Update Loader Find Loader		
Settings		
Files In eLoader:		
ProjectInfo: Select Chip Type		
<u> </u>		
UpLoadToPC Download		
ClearFile EncryptFile		
Start Isp(P)		
Not Use RTS&DTR		~



4. Choose "SIMISP" then click "EnumPort" and choose the COM number of the Port.

# mcuisp V0.993MCU In System Pro nmerwww.mcuisp.com	_	×
System Help Language EnumPort Port:COM4 bps:115200		
www.incuisp.com rise sw,handheid ise Programmer		
Code File For Online ISP.	Reload Before Program	
HandHeld eLoader STM ISP Free STM IAP LPC2xxxISP		^
Start ISP(P)		
Read ChipInfo(R) Erase Chip(Z) ReadFlash		
Option Bytes:		
Program OptionBytes when ISP		
RDP: A5 HW Opdons: 22 Setung(Opdonbytes)		
WRPs: FF FF FF Data0-1 FF FF		
		~

5. Select the firmware that was downloaded from the website before and choose "Reset@DTR Low(<-3V),ISP@RTS High".

System Help Language EnumPort Port:COM4 bps:115200 www.mcuisp.com Free SW,H Held ISP Programmer Code Elle For Online ISP C:\Users\47569\Downloads\console_lite_main.hex C:\Users\47569\Downloads\console_lite_main.hex HandHeld eLoader STM ISP Free STM IAP LPC2xxxISP Weify Start ISP(P) Weify Run After ISP complete Use RamIsp Continue Program Read ChipInfo(R) Erase Chip(Z) ReadFlash Option Bytes: Program OptionBytes when ISP RDP: A5 HW Options: FF Setting(OptionBytes) WRPs: FF FF Data0-1 FF FF	mcuisp V0.993MCU In System Programmerwww.mcuisp.com	—	×
Code File For Online TSP: C: Users\47569\Downloads\console_lite_main.hex Image: Auto Reload Before Program HandHeld eLoader STM ISP Free STM IAP LPC2xxxISP Image: Start ISP(P) Image: Werlfy Image: Werlfy Image: Werlfy Start ISP(P) Image: Werlfy Image: Werlfy Image: Werlfy Image: Start ISP(P) Image: Werlfy Image: Werlfy Image: Werlfy Image: Start ISP(P) Image: Werlfy Image: Werlfy Image: Werlfy Image: Start ISP(P) Image: Werlfy Image: Werlfy Image: Werlfy Image: Continue Program Image: Continue Program Image: Continue Program Image: Continue Program Option Bytes: Image: Continue Program Image: Continue Program Image: Continue Program Image: Continue Program RDP: A5 HW Options: FF Setting(OptionBytes) Image: Continue Program Image: Continue Program WRPs: FF FF FF Image: Continue Program Image: Continue Program Image: Continue Program RDP: A5 HW Options: FF Setting Continue Program Image: Continue Program Image: Continue Program	<u>S</u> ystem <u>H</u> elp <u>L</u> anguage <u>E</u> numPort <u>P</u> ort:COM4 <u>b</u> ps:115200 <u>w</u> ww.mcuisp.com Free SW,H Held ISP Programmer		
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Reset@DTR Low(<-3V).ISP@RTS High	\mathbf{O}		
Reset@DTR Low(<-3V).ISP@RTS High			
	Reset@DTR Low(<-3V),ISP@RTS High		~



6. Click the "Start ISP(P)" button and turn on the power switch of the console to complete the upgrading. (At this point, the console is in a black screen state).

mcuisp V0.993MCU In System Programmerwww.mc	uisp.com — 🗆	×
<u>System</u> <u>H</u> elp <u>Language</u> <u>EnumPort</u> <u>Port:COM4</u> <u>bps:</u> <u>www.mcuisp.com</u> Free SW,HandHeld ISP Programmer	115200	
Code File For Online ISP:		
C:\Users\47569\Downloads\console_lite_main.hex	🗹 Auto Reload Before Program	
HandHeld eLoader STM ISP Free STM IAP LPC2xxxISP Start ISP(P) ✓ Verify ✓ Run After ISP complete Use RamIsp Continue Program Read ChipInfo(R) Erase Chip(Z) ReadFlash Option Bytes: Program OptionBytes when ISP RDP: A5 HW Options: FF Setting(OptionBytes) WRPs: FF FF	RTS be High(+3-+12V),enter ISP Delay 100ms DTR be High(+3-+12V),Reset Released RTS keep High Connectting24, Received:79 Connect 0k @COM4@115200bps,@2640ms BootLoader Version:2.2 PID:00000414 FLASH ROM size:512KB SRAM size:6535KB(For reference only!!!) 96bit unique device ID:39FFD8055042323908760543 OptionBytes readout: A55AFF00FF00FF00FF00FF00FF00FF00 FULL chip erase 0k!!! @2718ms,Ready for Program 10KB Writed.12%.@6406ms	~
Reset@DTR Low(<-3V),ISP@RTS High		*
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7. After the burn is completed, turn off the power switch and restart the console.

