car kit ; 5. Code ; DIY_Surveillance_camera_with_ESP32-Camera V O 搜索"DIY_Surv 名称 修改日期 类型 大小 ③ DIY_Surveillance_camera_with_ESP32-... 2023/6/15 14:22 Arduino Source ... 7 KB

Note: After You Open the code, you need to make some changes. Insert your network credentials into the following variables and change them to your own WiFi name and password:

```
const char* ssid = "XXXXXXX";//wifi name
const char* password = "XXXXXXXX";//WI-FI password
```

Connect ESP32-CAM to computer, go to Tools > Board > ESP32Arduino inArduino IDE , select ESP32 Wrover Module



Go to Tools > Port and select the COM port to which the ESP32 is connected (the COM number that everyone can choose is not necessarily the same, you may be COM6 or others)

Open the file 5. Code and then open the code

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File Edit Sketch	Tools Help				
	Auto Format	Ctrl+T			
	Archive Sketch				
DIY_Surveillanc	Fix Encoding & Reload				
<pre>#include "es</pre>	Manage Libraries	Ctrl+Shift+I			
<pre>#include <wi< pre=""></wi<></pre>	Serial Monitor	Ctrl+Shift+M			
<pre>#include "es</pre>	Serial Plotter	Ctrl+Shift+L			
<pre>#include "im</pre>					
<pre>#include "Ar</pre>	WiFi101 / WiFiNINA Firmware Updater				
<pre>#include "fb</pre>	Board: "ESP32 Wrover Module"	>			
<pre>#include "so</pre>	Upload Speed: "921600"	>			
<pre>#include "so</pre>					
#include "es	Flash Made: "OIO"				
//Replace wi	Flash Wode: QIO	,			
const char*	Partition Scheme: "Default 4MB with spiffs (1.2MB APP/1.5MB SPIFFS)"	>			
const char*	Core Debug Level: "None"	>			
#define PART	Port: "COM6"	2	_	Serial ports	
// This proj	Get Board Info		~	COM6	PSRAM
#define CAME	D				
//#define CA	Programmer	>			
//#define CA	Burn Bootloader				

// Not tested with this model

In Tools > Partition Scheme , select " HugeAPP (3MB or OTA)"

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File Edit Sketch To	ols Help		
	Auto Format	Ctrl+T	
	Archive Sketch		
DIY_Surveillanc	Fix Encoding & Reload		
#include "es	Manage Libraries	Ctrl+Shift+I	
#include <wi< td=""><td>Serial Monitor</td><td>Ctrl+Shift+M</td><td></td></wi<>	Serial Monitor	Ctrl+Shift+M	
<pre>#include "es</pre>	Serial Plotter	Ctrl+Shift+L	
<pre>#include "im</pre>			
<pre>#include "Ar</pre>	WiFi101 / WiFiNINA Firmware Updater		
<pre>#include "fb</pre>	Board: "ESP32 Wrover Module"	>	
<pre>#include "so</pre>	Upload Speed: "921600"	>	
#include "so	Flash Frequency: "80MHz"	>	
#include "es	Flash Mode: "QIO"	>	
const char*	Partition Scheme: "Huge APP (3MB No OTA/1MB SPIFFS)		Default 4MB with spiffs (1.2MB APP/1.5MB SPIFFS)
const char*	Core Debug Level: "None"		Default 4MB with ffat (1.2MB APP/1.5MB FATFS)
#define PART	Port: "COM6"	2	8M Flash (3MB APP/1.5MB FAT)
// This proj	Get Board Info		Minimal (1.3MB APP/700KB SPIFFS)
#define CAME	2		No OTA (2MB APP/2MB SPIFFS)
//#define CA	Programmer	1	No OTA (1MB APP/3MB SPIFFS)
//#define CA	Burn Bootloader		No OTA (2MB APP/2MB FATFS)
// Not tested with this model		No OTA (1MB APP/3MB FATFS)	
//#define CAMEP	A_MODEL_WROVER_KIT		 Huge APP (3MB No OTA/1MB SPIEES)
<pre>#if defined(CAMERA_MODEL_WROVER_KIT)</pre>			Minimal SPIEES (1 9MB APP with OTA/190KB SPIEES)
#define PWDN_	GPIO_NUM -1		16M Elash (2MB ADD/12 5MB EAT)
#define RESET	GPIO_NUM -1		
#define XCLK	GPIO_NUM 21		
#define SIOD	GPIO NUM 26		

Click the "Upload" button to burn the code

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Once the code is uploaded successfully, ESP32-CAM opens the upper-right serial port monitor and selects a baud rate of 115200. Press the reset button on the ESP32-CAM Board. When ESP32-CAM successfully connects to WiFi, you can see the HTTP address. Everyone has the same address. Here is "192.168.3.42", please remember.

era				_		
	© COM6			- [- ×) í
					发送	1
	SSets Jun 8 2016 00:22:57					
rownout problems	rst:0x1 (FOWERON_RESET),boot:0x12 (SPI_FAST_FLASH_BOOT)					
/disable brownout	configsip: 0, SPIWP:0xee					
	clk_drv:0x00,q_drv:0x00,d_drv:0x00,cs0_drv:0x00,hd_drv:0x00,w	p_drv:0x00				
entials	mode:DIO, clock div:1					
7";	load:0x3fff0018,len:4					
7";	load:0x3fff001c,len:1216					
0000000000098765	ho 0 tail 12 room 4					
the AI Thinker Mo	load:0x40078000,len:10944					
	load:0x40080400,len:6388					
SRAM	entry 0x400806b4					
ITHOUT PSRAM						
-	WiFi connected					
C I	Camera Stream Ready! Go to: http://192.168.3.42					
KIT)						
	✓ 自动滚屏 □ Show timestamp	没有结束符 ~	115200 波特率	~	清空输出	

Open your browser and enter 192.168.3.42 as the IP address of your serial port monitor (whatever the address of your serial port monitor is) . This will load the camera screen, as shown below.

