

System

Web Camera
+
Microphone
[Lenovo
Essential FHD
Webcam
4XC1B34802]



5V 2A

ESP8266-12F

PAM8403

3W 4ohms x 2



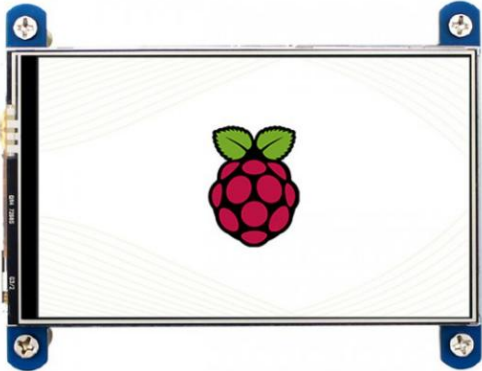
USB



2.4Ghz RF
Mouse

HDMI
GPIO

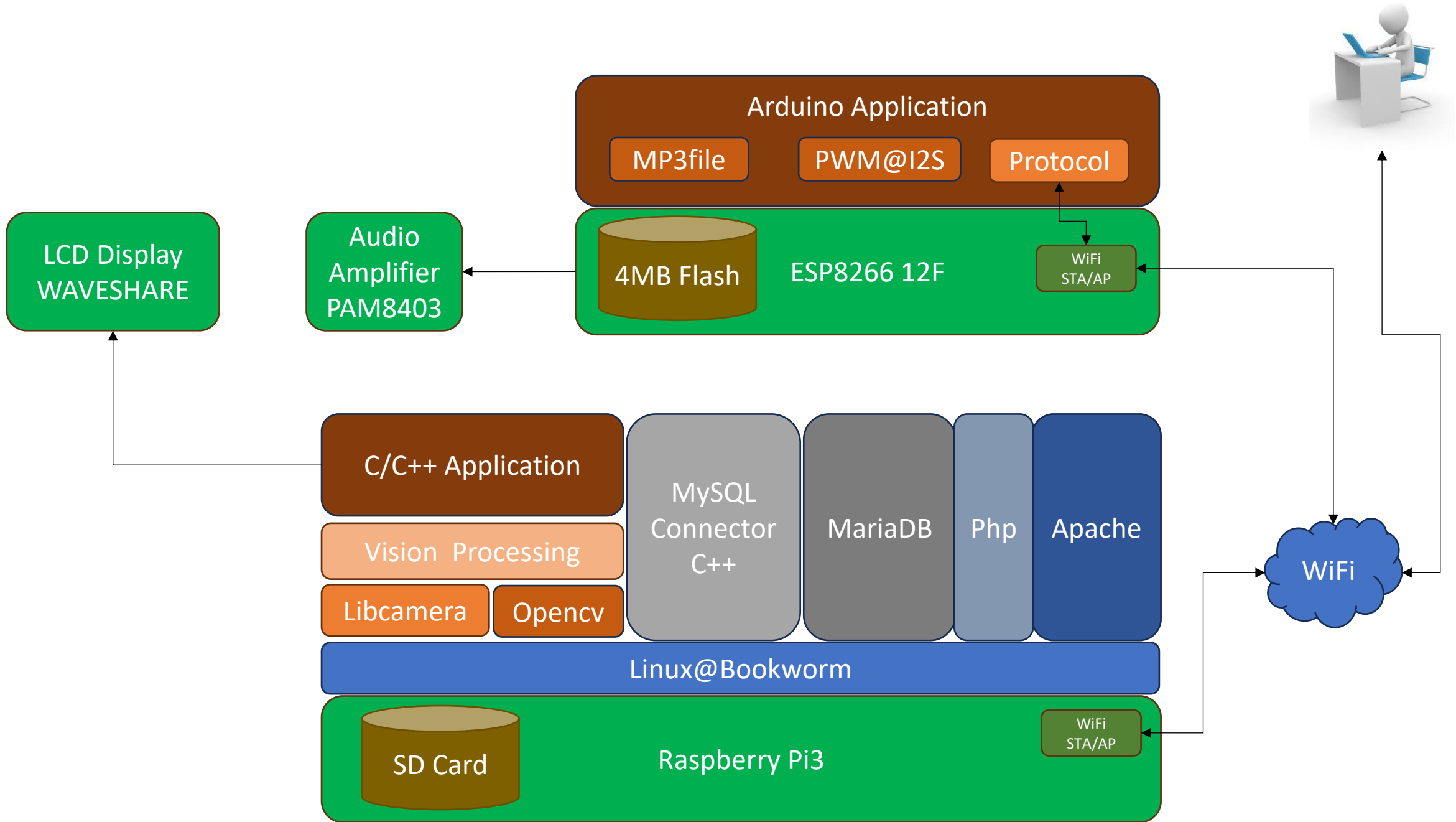
4inch Resistive Touch Screen LCD,
480×800, HDMI, IPS, Low Power
SKU: 12030
Part Number: 4inch HDMI LCD
Brand: Waveshare



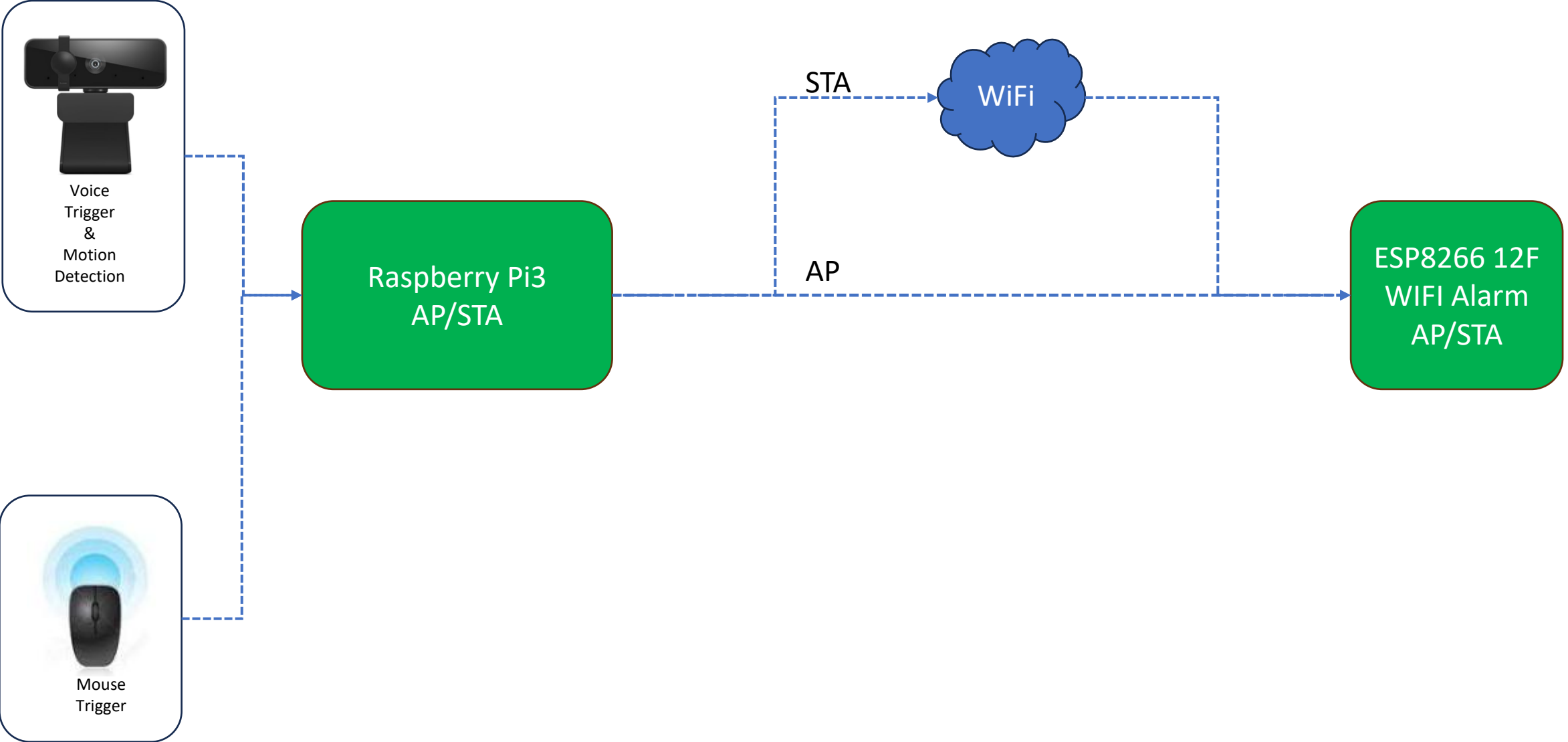
5V 2A



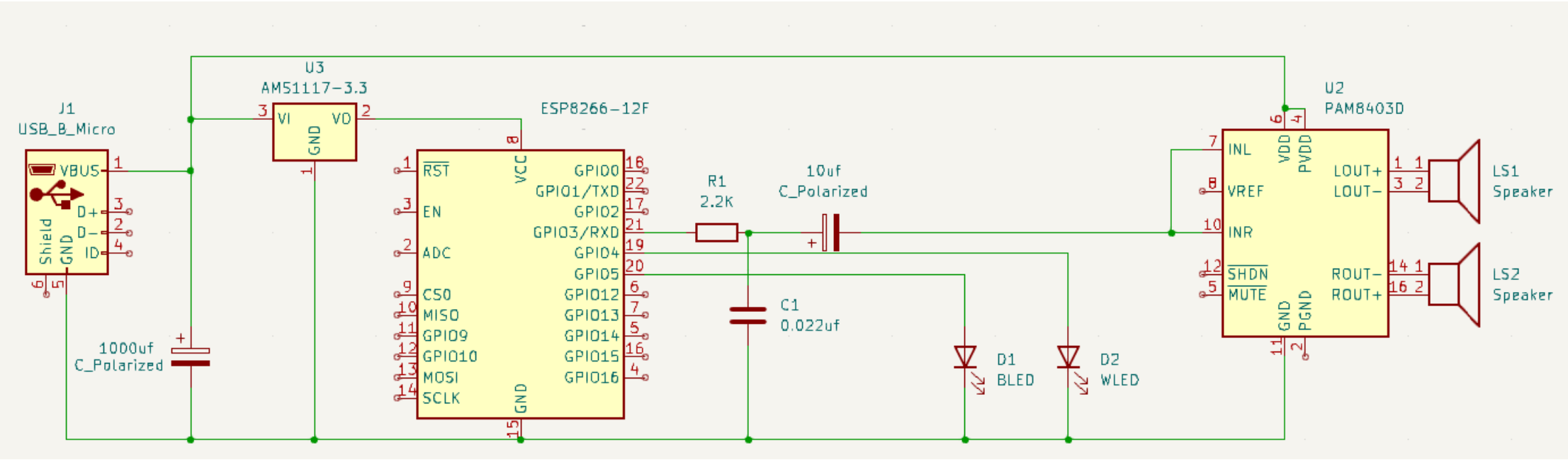
System

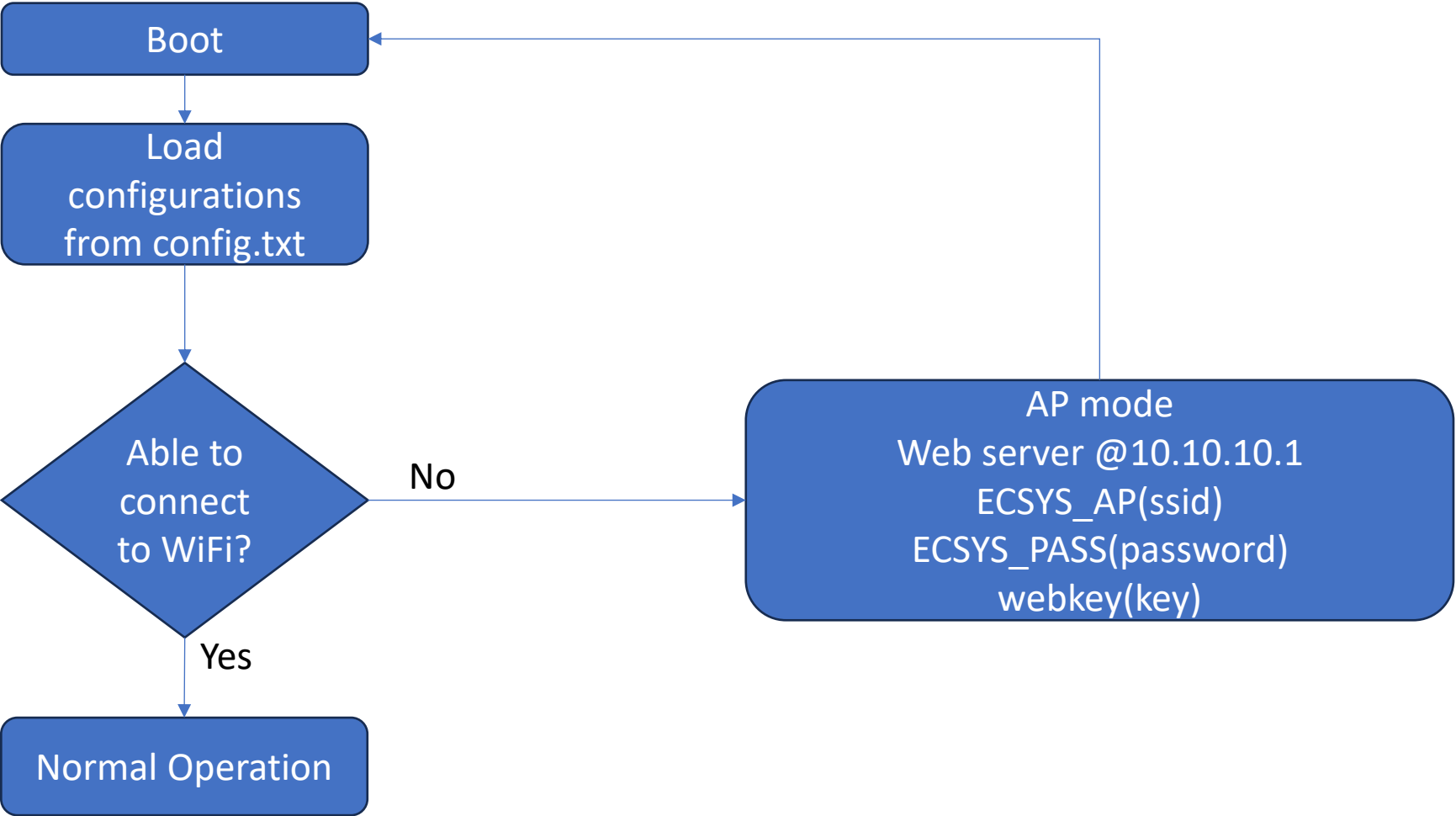


Solution



ESP 8266 -12F





On Boot

LED Colour = ON
LED White = ON

On Attempt to Connect to WiFi

Both LED's will Blink in attempt to connect to WiFi

____WiFi_SSID:

WiFi_PASSWORD:

____KEY:

AP Mode
Both LED's will blink in Alternative

No

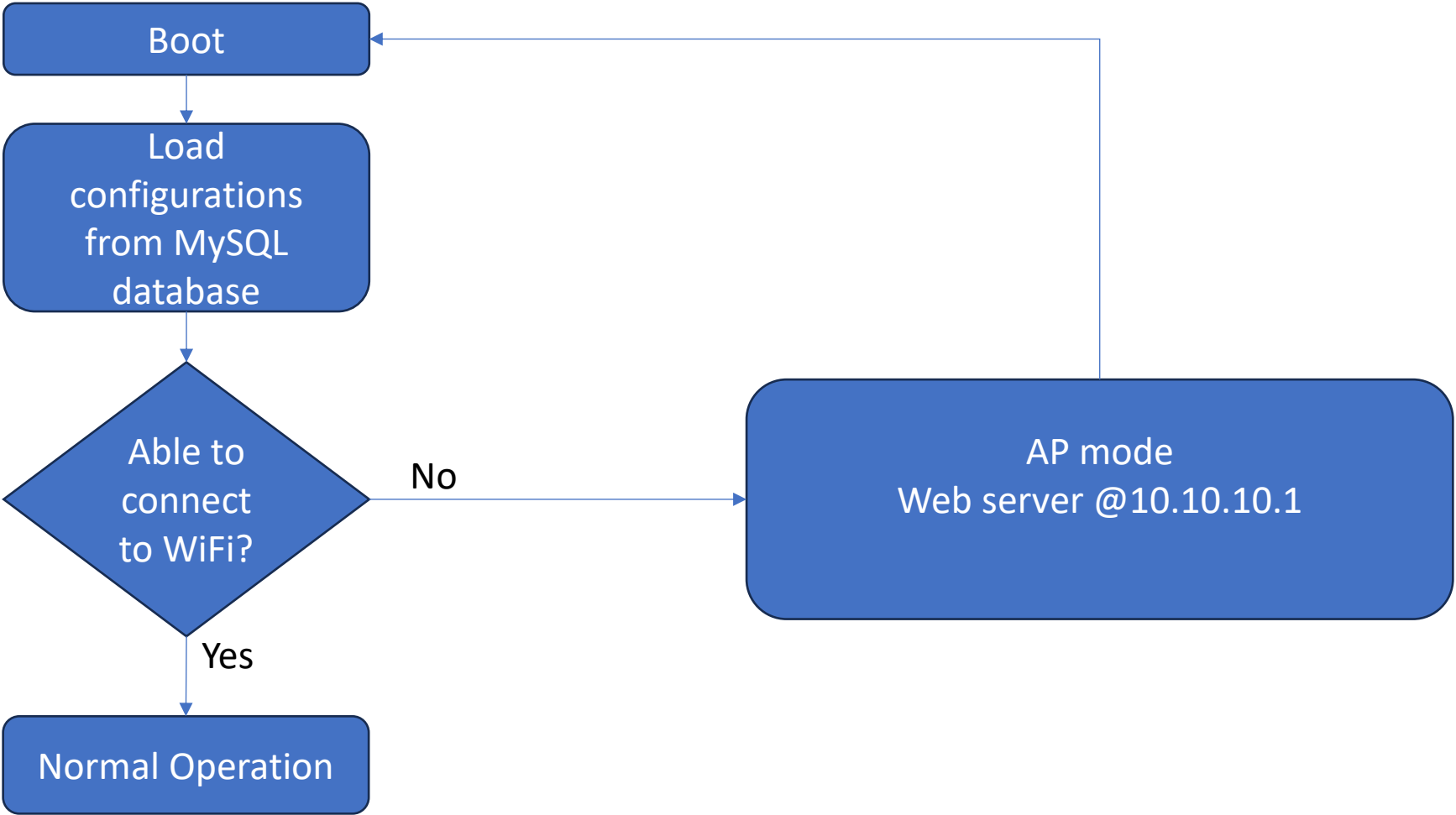
Able to connect to WiFi?

Yes

LED White = BLINK

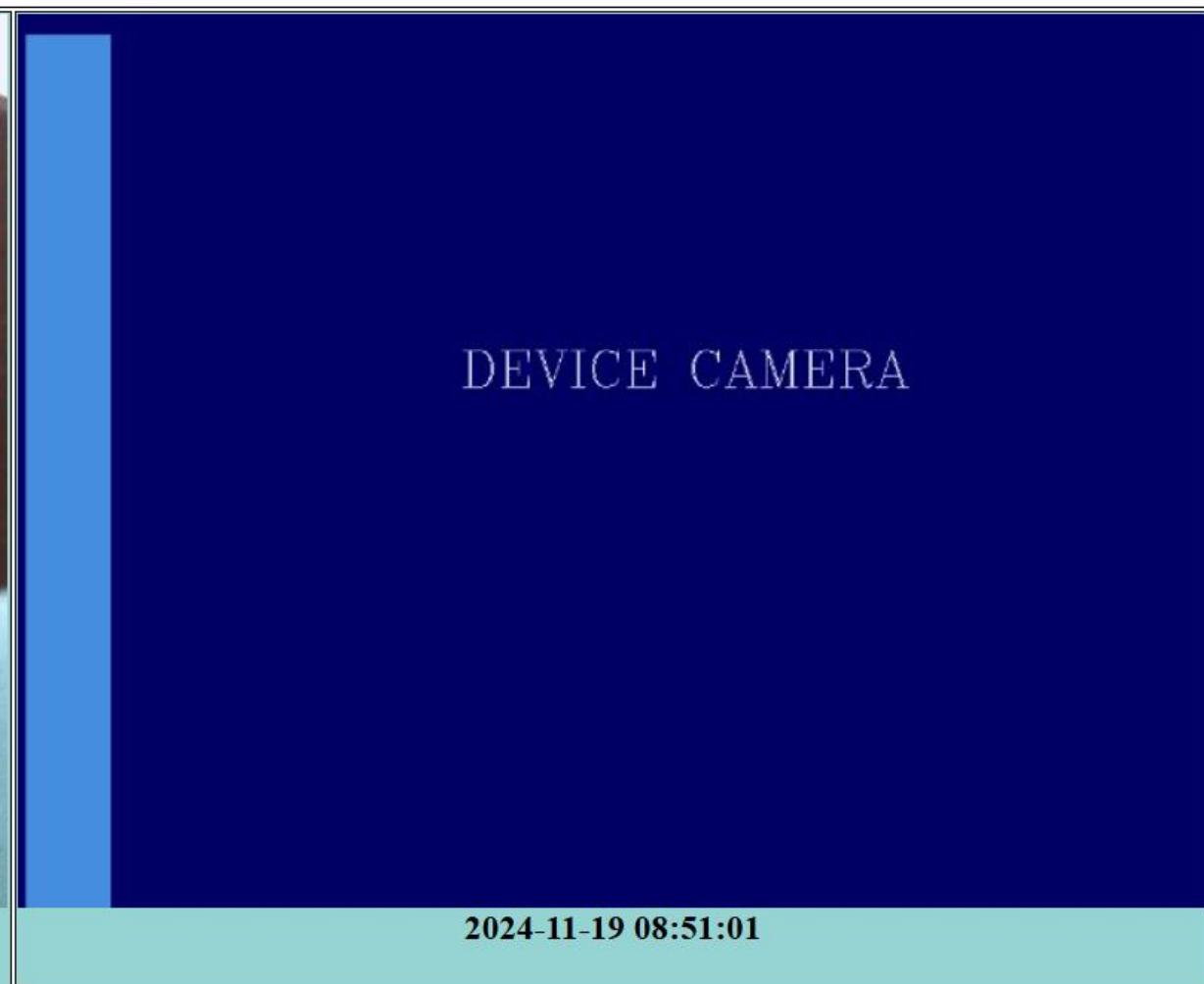
LED White = OFF
LED colour = BLINK 2 times a second upon successful connection

When WiFi Alarm unable to connect to preconfigured Wifi LAN network it will enter into AP mode. In this mode user can connect using default username and password and enter credentials for new available WiFi network

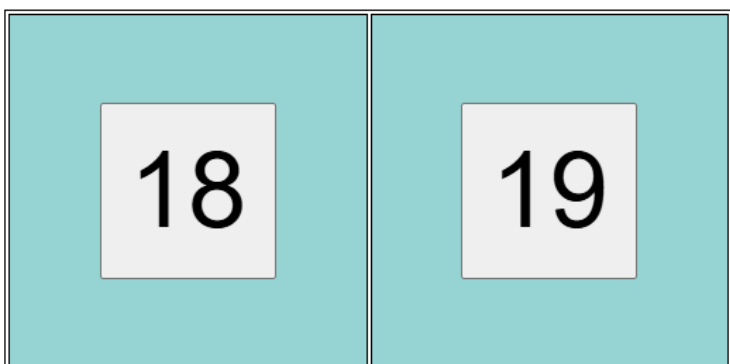
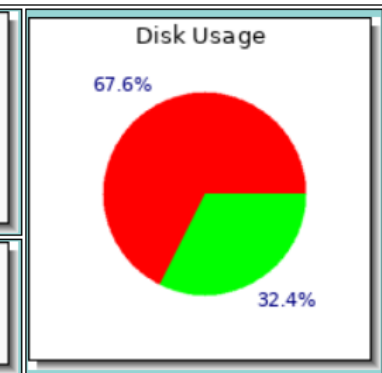
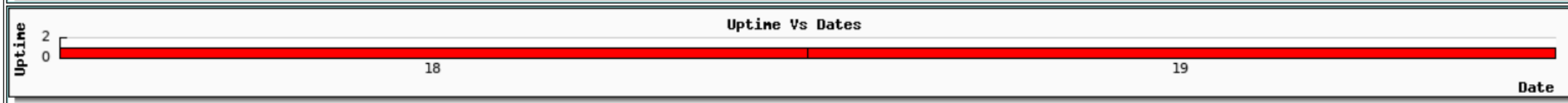
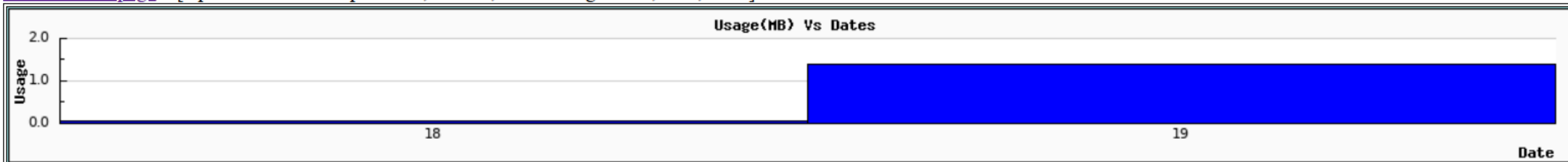


This is a private web site, any unauthorized attempt to access will be prosecuted to the maximum permitted by the law.

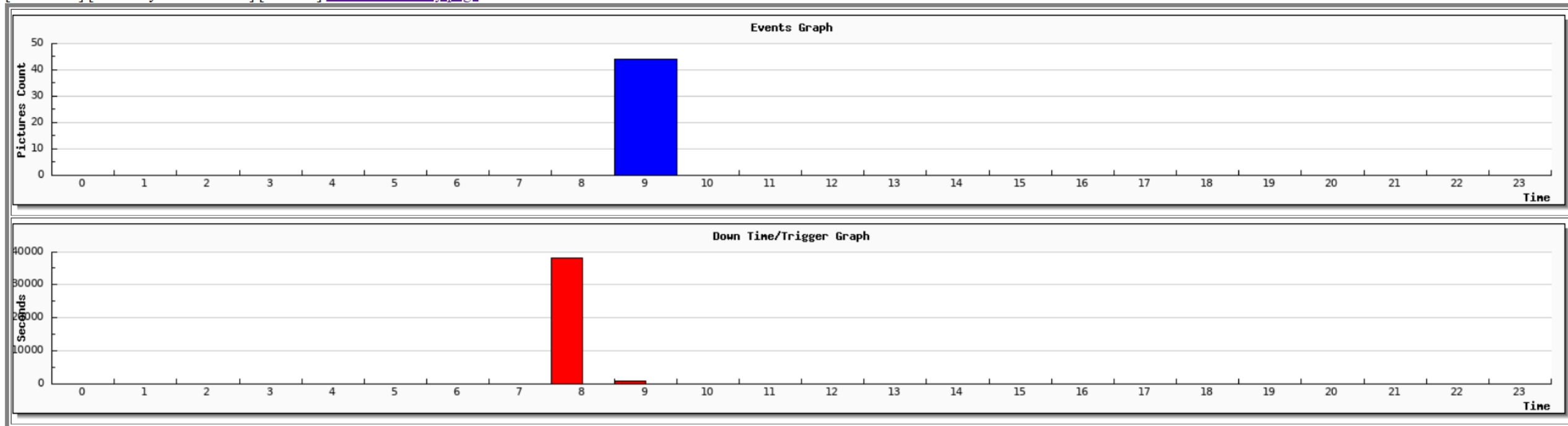




[Show Summary](#)
[Show Configuration](#)



[Entries:44] [Directory Size:1.42MB] [Date:19] [Back to summary page](#)

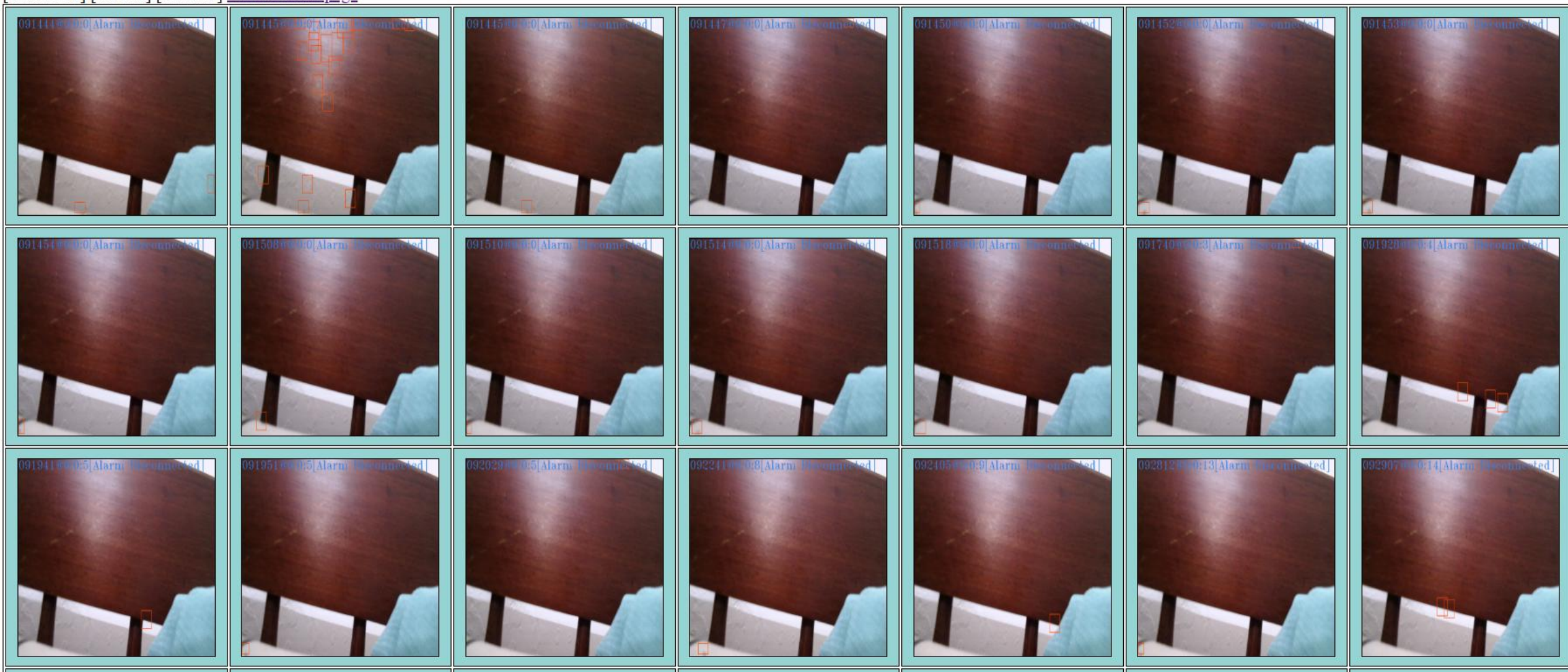


Select Hour: 0 ▼

Submit

Select Hours to Analyse

[Entries:45] [Hour:9] [Date:19] [Back to main page](#)



[Back to main page](#)

Network Configuration		Mouse Configuration		Camera Configuration		Microphone Configuration	
		ID	NAME				
NAME	STATUS	0	RAPOO Rapoo 2.4G Wireless Device	ID	NAME		
sarath_nivas_EXT	wlan0	1	RAPOO Rapoo 2.4G Wireless Device System Control	0	bcm2835-codec-decode	ID	NAME
ecsys_ap	--	2	RAPOO Rapoo 2.4G Wireless Device Consumer Control	1	bcm2835-isp	2	Lenovo FHD Webcam Audio
Gopalakrishnan	--	3	RAPOO Rapoo 2.4G Wireless Device	2	Lenovo FHD Webcam Audio: Lenovo		
		4	ADS7846 Touchscreen				
		5	Lenovo FHD Webcam Audio: Lenovo				

MASKS

ID	16 X	1440 Y	540 W	480 H	540
ID	18 X	0 Y	540 W	480 H	540

Change Application Parameters		Change Application Parameters		Change Network Configuration		
MOUSE_LEVEL[0-5]	0	VOICE_THRESHOLD[>90]	100	<div>SSID</div> <div>PASSWORD</div> <div>WiFi mode<div>STA</div><div>ADD</div><div>Submit</div></div>		
MOUSE_NAME	RAPOO Rapoo 2.4G Wirele	VOICE_START[0-23]	0			
BEACON_TIMEOUT[1-255]	15	VOICE_DURATION[0-24]	4			
DIR_MAX[1-255]	2	SEC	seckey			
CAMERA	Lenovo FHD Webcam Audi	ACCESS	admin			
MICRO	Lenovo FHD Webcam Audi	REBOOT_THRESHOLD[60-100]	70			

Mask Add		Mask Remove	System Reboot
X	<input type="text"/>	<div>ID <input type="text"/></div> <div><div>Remove</div><div>REBOOT</div></div>	
Y	<input type="text"/>		
W	<input type="text"/>		
H	<input type="text"/>		
<div>Add</div>			

	480	960	1440
270			
540			
810			

Masks

WiFi Mode of
Operation

Disk Usage

Resource Usage



This Menu will blink
when console is not
connected to remote
WiFi Alarm

Voice Band
(4Khz)Spectrum analyser
in real time.
It changes its colour to
CYAN when voice
detection is activated.



**System Reboot in
29 Seconds**

UPTIME [0:0:0]



