

System

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



ESP8266-12F

PAM8403

3W 4ohms x 2

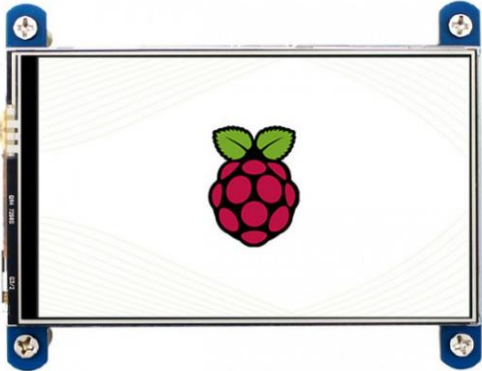
USB



2.4Ghz RF
Mouse

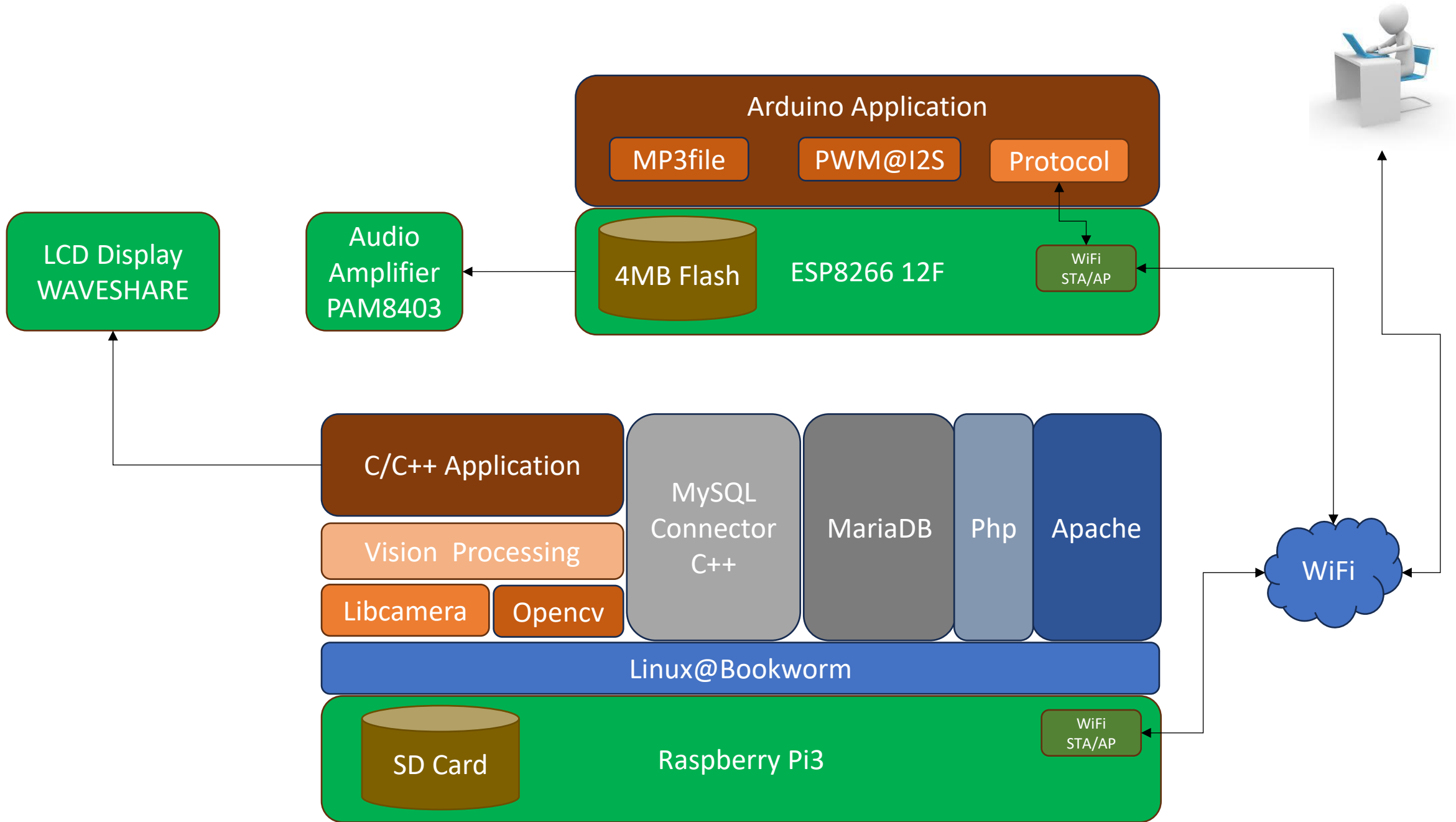
4inch Resistive Touch Screen LCD,
480×800, HDMI, IPS, Low Power
SKU: 12030
Part Number: 4inch HDMI LCD
Brand: Waveshare

HDMI
GPIO

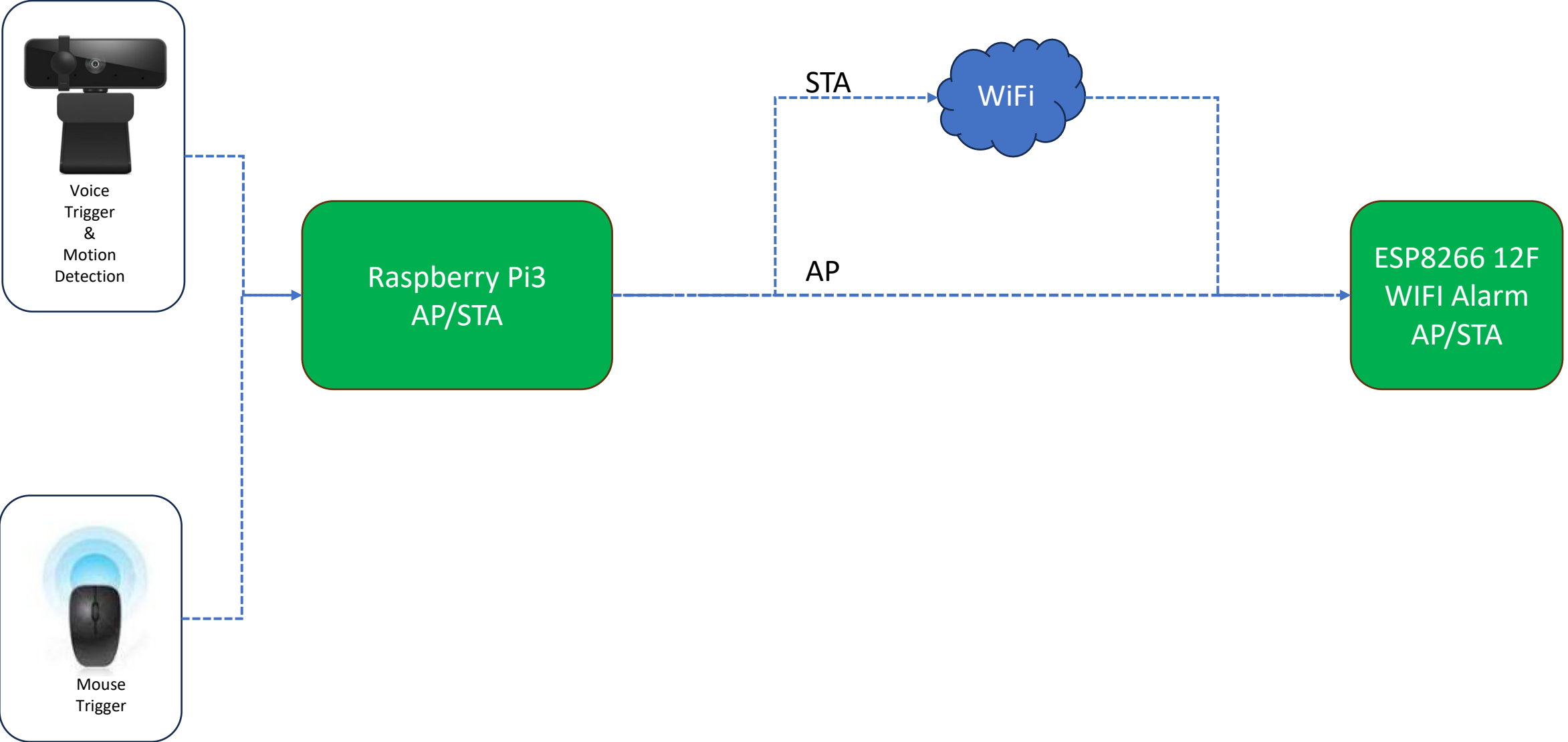


5V 2A

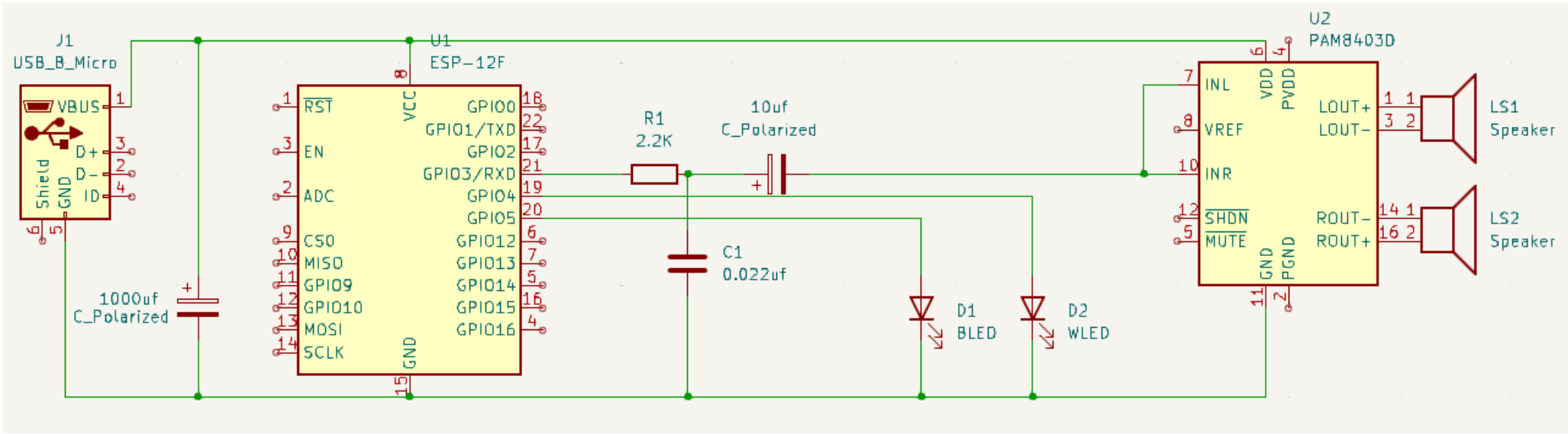
System

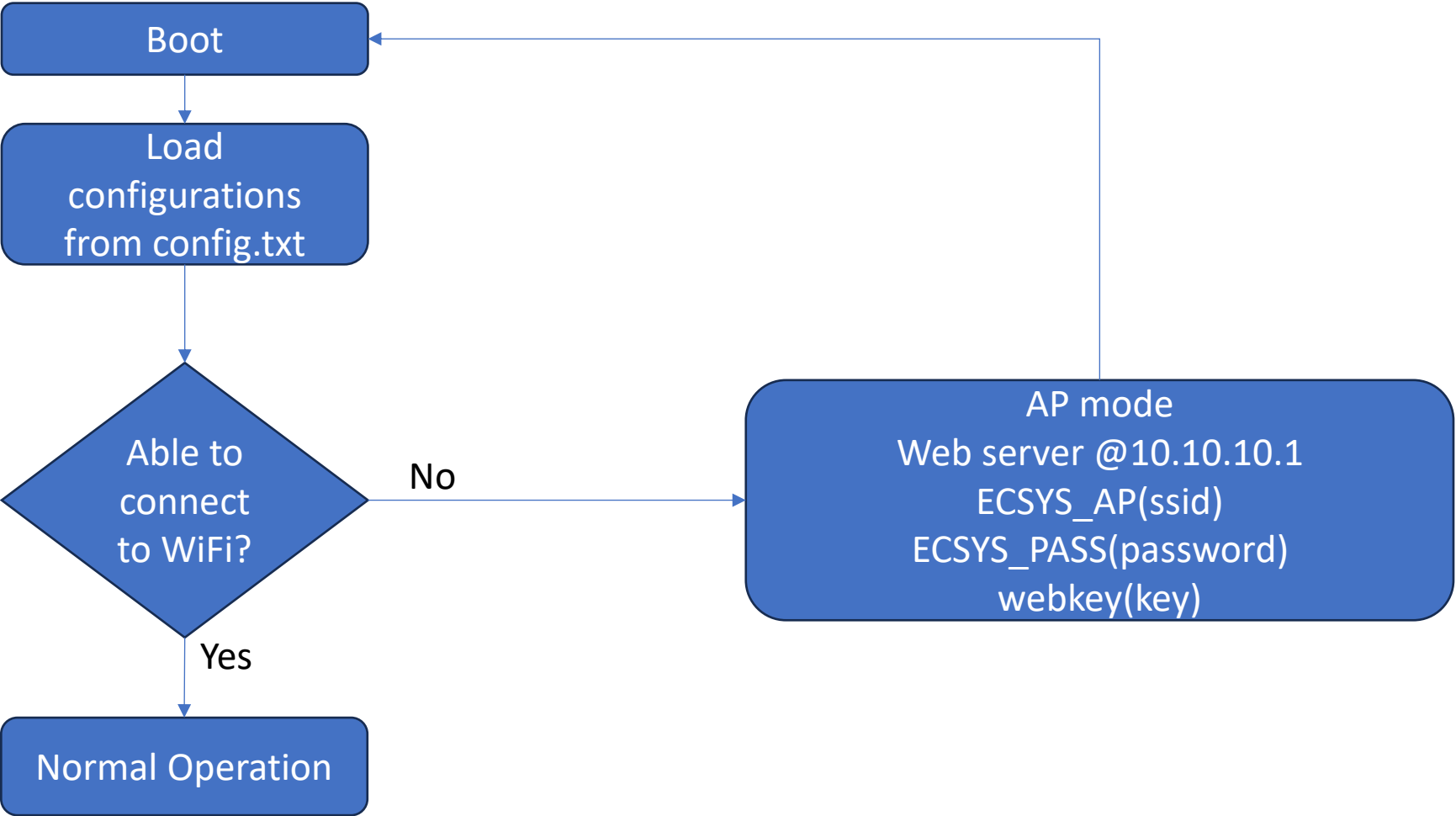


Solution



ESP 8266 -12F





On Boot

LED Colour = ON
LED White = ON

On Attempt to Connect to WiFi

Both LED's will
Blink in Sync

____WiFi_SSID:

WiFi_PASSWORD:

____KEY:

AP Mode
Both LED's will blink
in Alternative

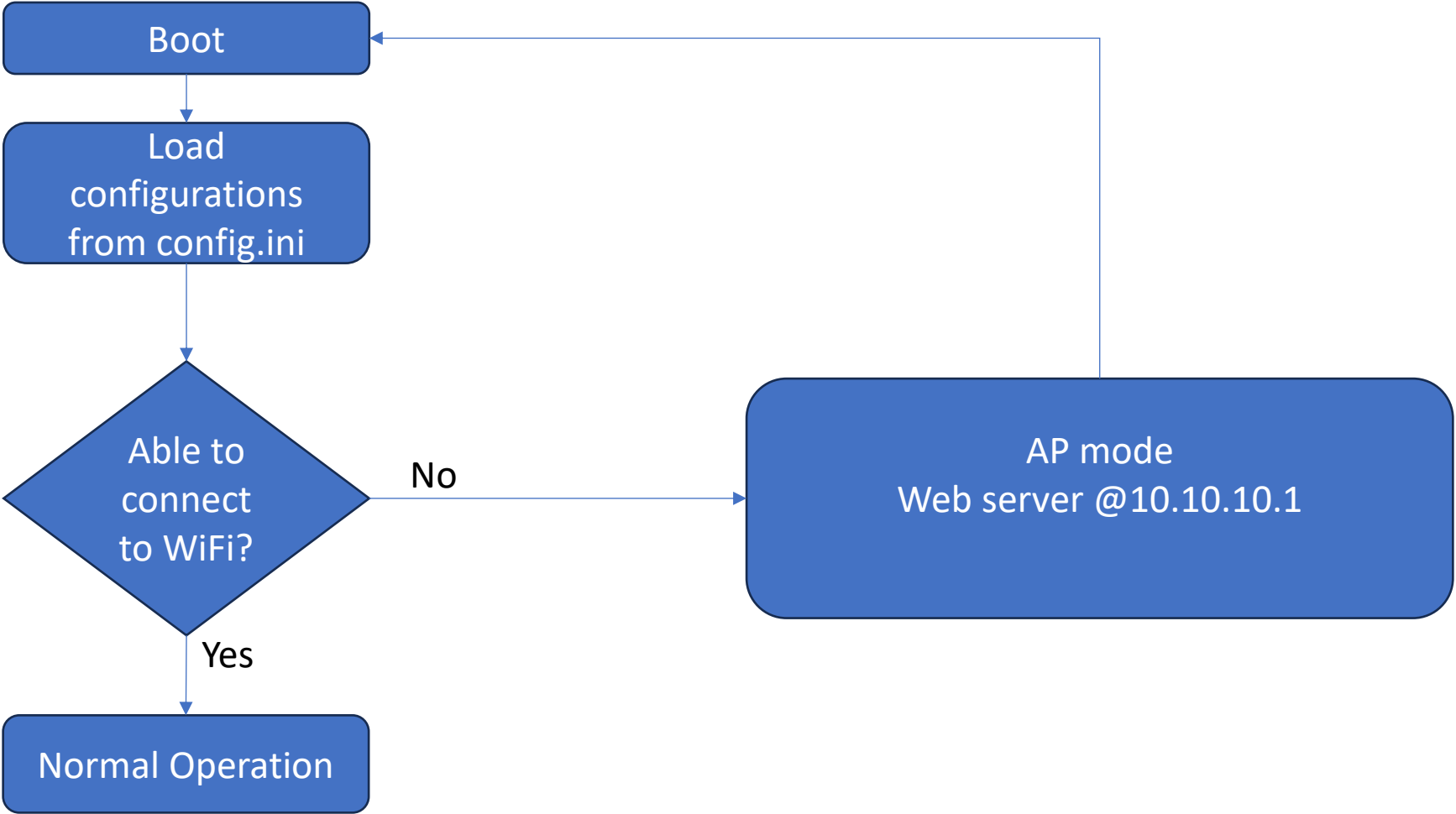
No

Able to
connect
to WiFi?

Yes

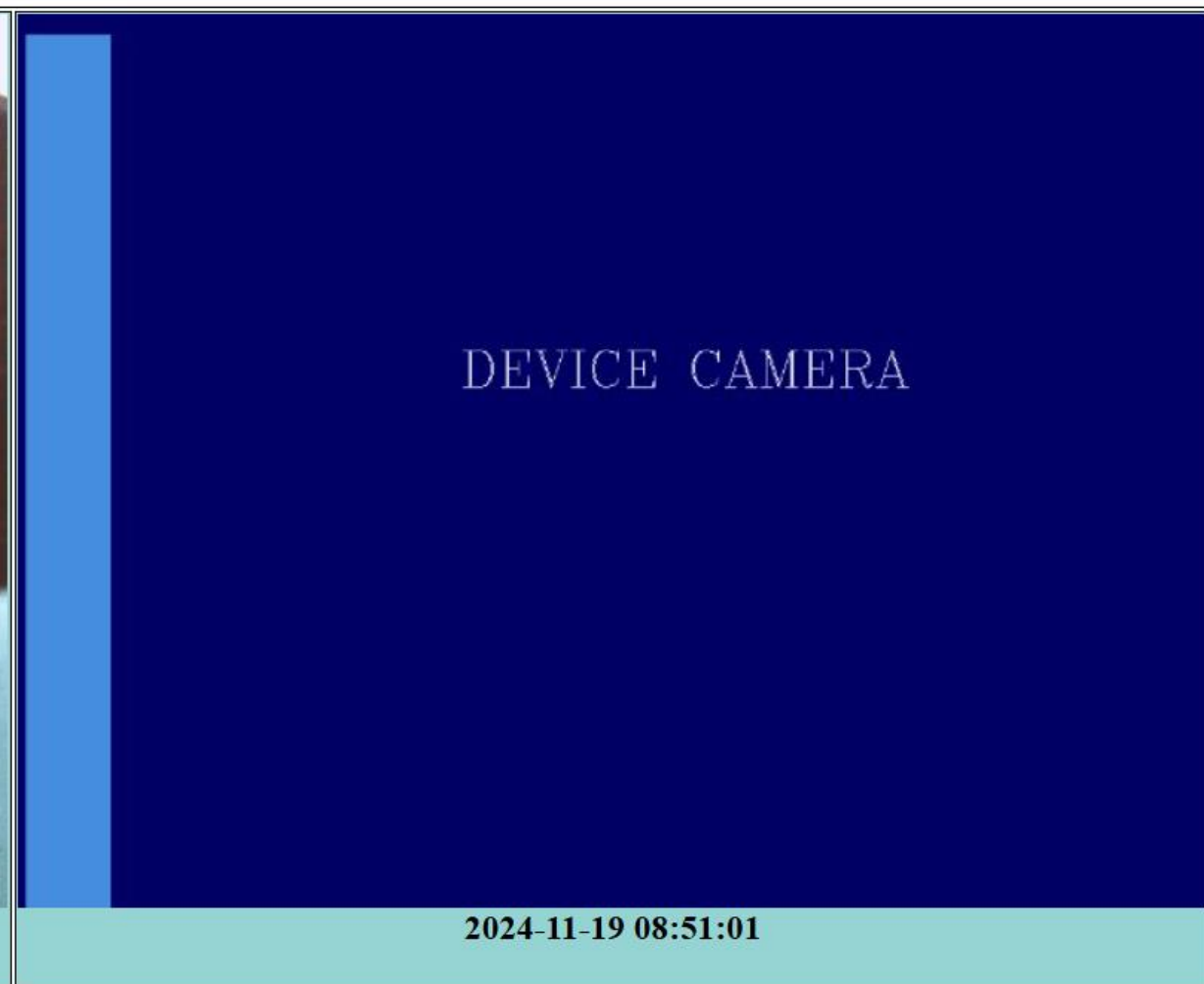
LED White = OFF
LED Colour =
BLINK upon
receiving KEEP
ALIVE packets

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

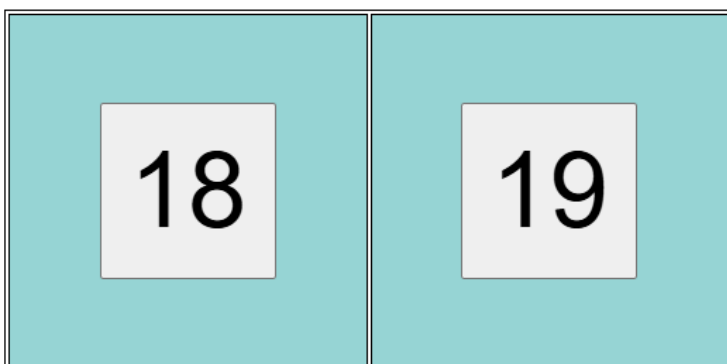
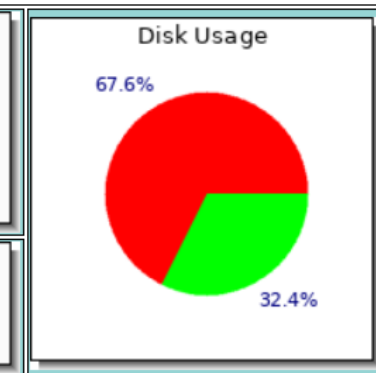
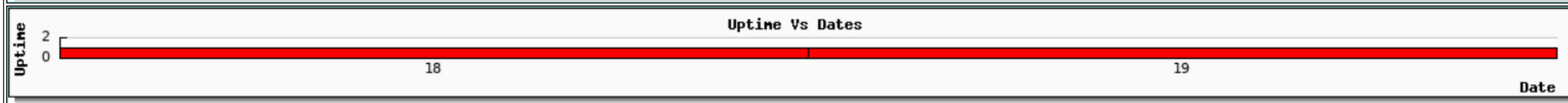
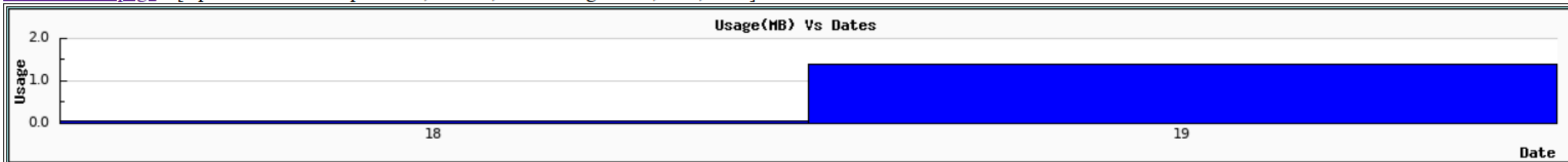


This is a private web site, any unauthorized attempt to access will be prosecuted to the maximum permitted by the law.

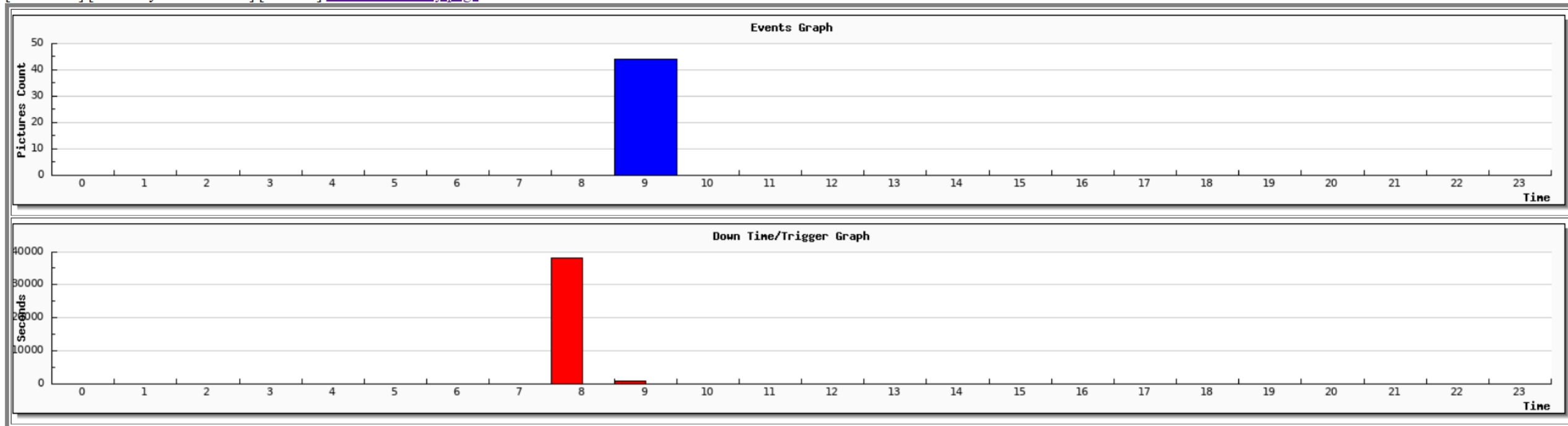




[Show Summary](#)
[Show Configuration](#)



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

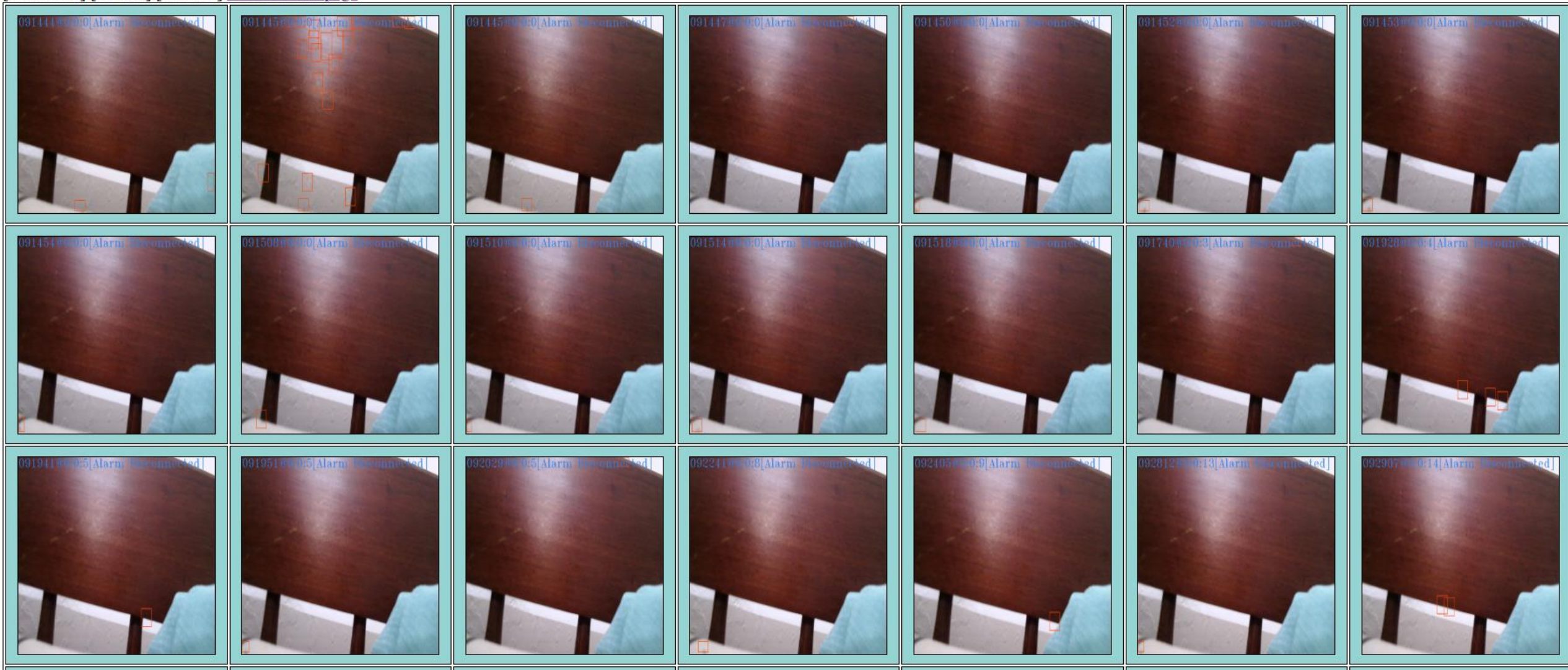


Select Hour: 0 ▼

Submit

Select Hours to Analyse

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



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Network Configuration		Mouse Configuration		Camera Configuration		Microphone Configuration	
NAME	STATUS	ID	NAME	ID	NAME	ID	NAME
		0	RAPOO Rapoo 2.4G Wireless Device				
		1	RAPOO Rapoo 2.4G Wireless Device System Control			2	Lenovo FHD Webcam Audio
		2	RAPOO Rapoo 2.4G Wireless Device Consumer Control				
		3	RAPOO Rapoo 2.4G Wireless Device				
		4	ADS7846 Touchscreen				
sarath_nivas_EXT	wlan0	5	Lenovo FHD Webcam Audio: Lenovo	0	bcm2835-codec-decode		
ecsys_ap	--			1	bcm2835-isp		
Gopalakrishnan	--			2	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]	<input type="text" value="0"/>	VOICE_THRESHOLD[>90]	<input type="text" value="100"/>	SSID	<input type="text"/>
MOUSE_NAME	RAPOO Rapoo 2.4G Wirele	VOICE_START[0-23]	<input type="text" value="0"/>	PASSWORD	<input type="text"/>
BEACON_TIMEOUT[1-255]	<input type="text" value="15"/>	VOICE_DURATION[0-24]	<input type="text" value="4"/>	WiFi mode	STA ▼ ADD ▼
DIR_MAX[1-255]	<input type="text" value="2"/>	SEC	<input type="text" value="seckey"/>	<input type="button" value="Submit"/>	
CAMERA	Lenovo FHD Webcam Audi	ACCESS	<input type="text" value="admin"/>		
MICRO	Lenovo FHD Webcam Audi	REBOOT_THRESHOLD[60-100]	<input type="text" value="70"/>		

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

	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]

