

System

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



ESP8266-12F

PAM8403

3W 4ohms x 2

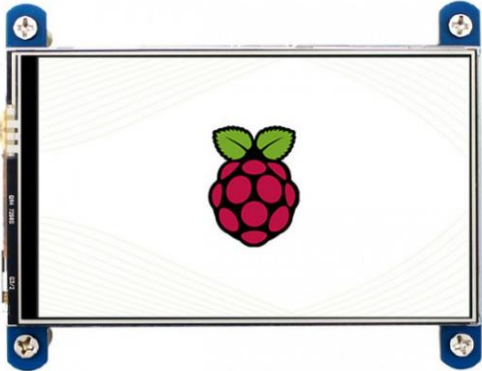
USB



2.4Ghz RF
Mouse

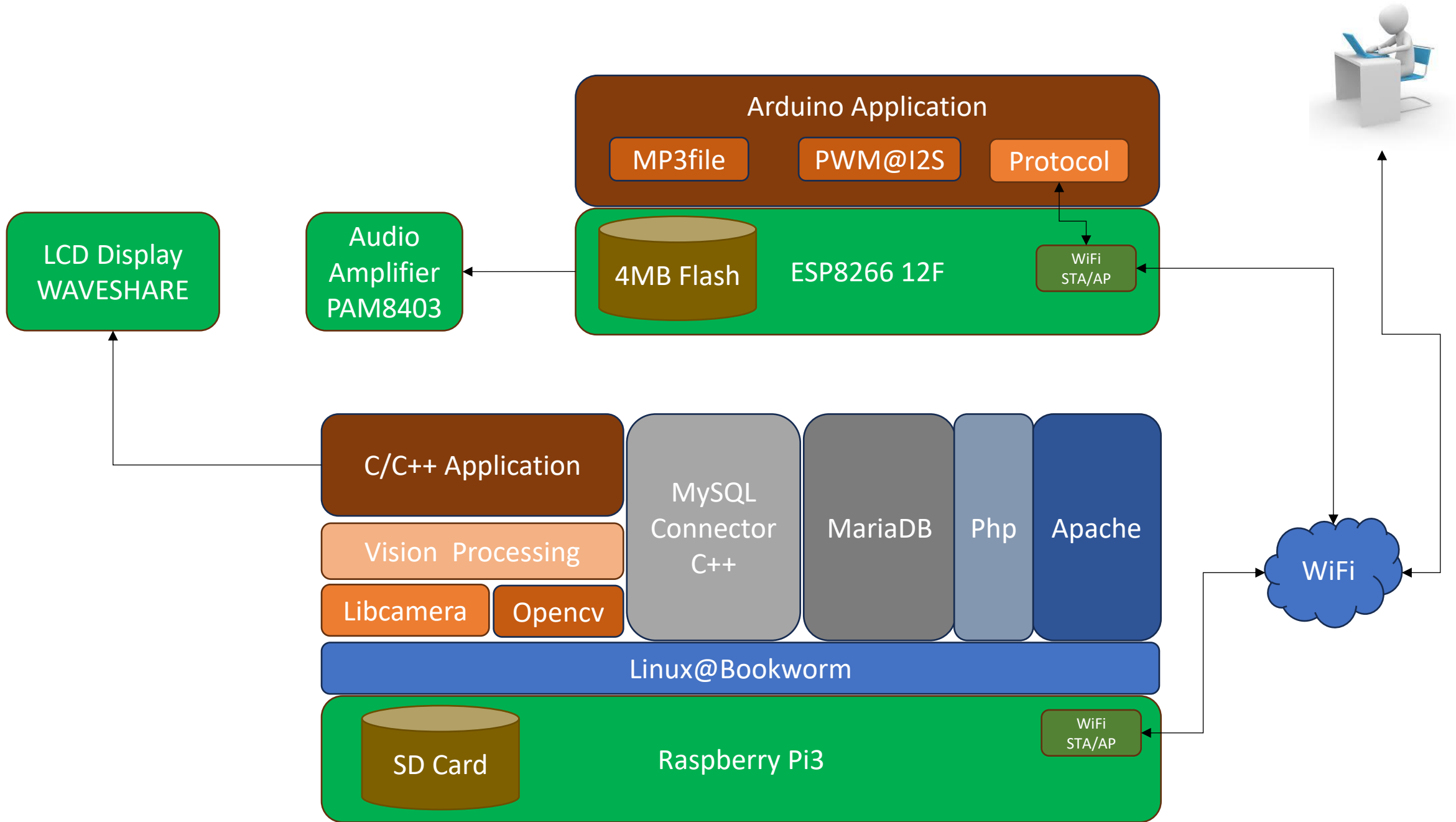
4inch Resistive Touch Screen LCD,
480×800, HDMI, IPS, Low Power
SKU: 12030
Part Number: 4inch HDMI LCD
Brand: Waveshare

HDMI
GPIO

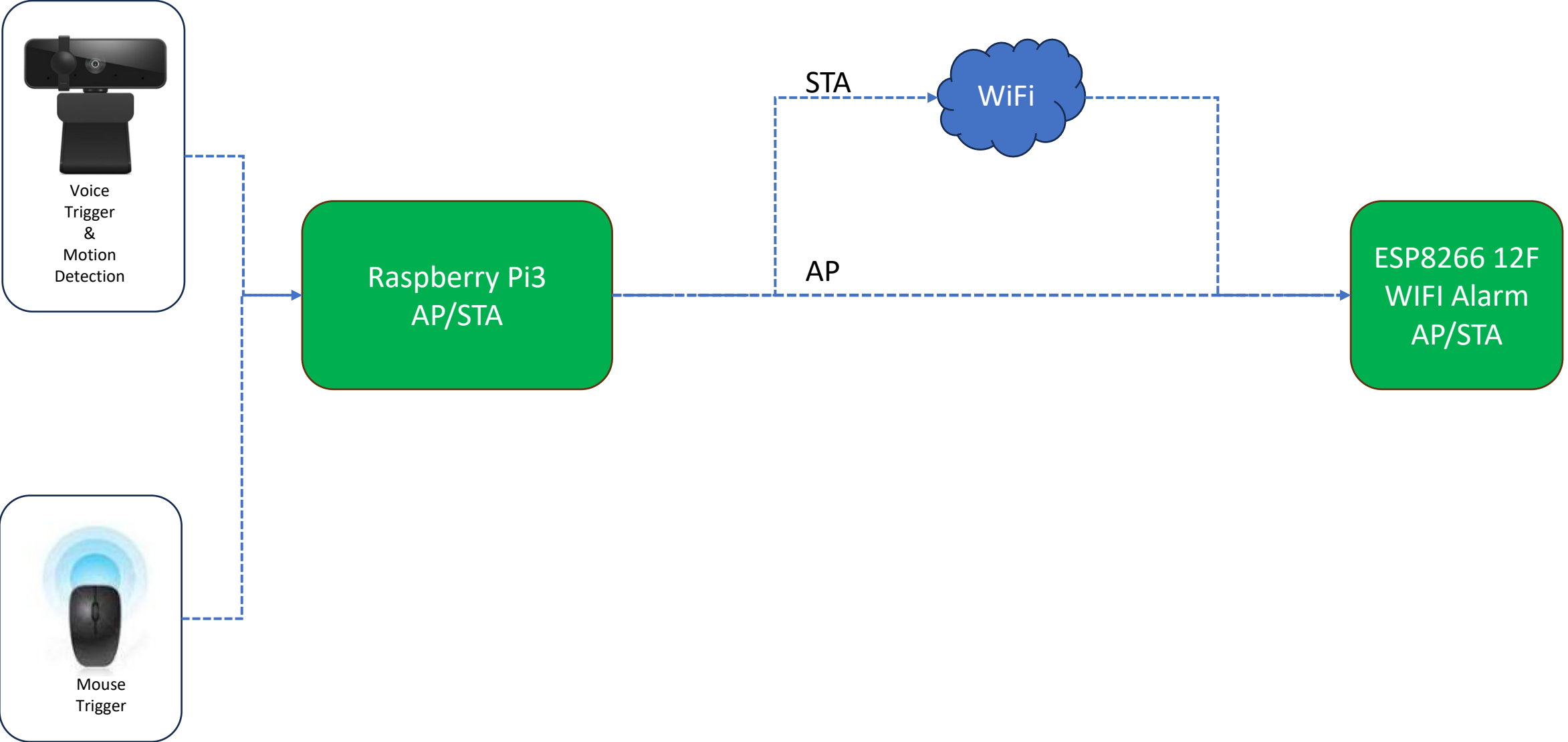


5V 2A

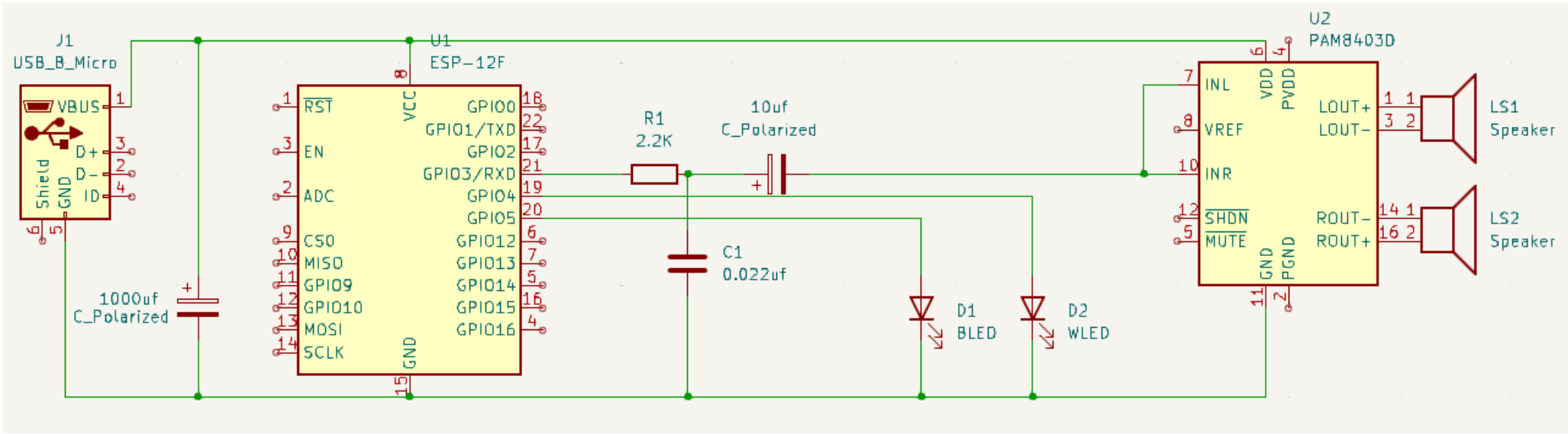
System

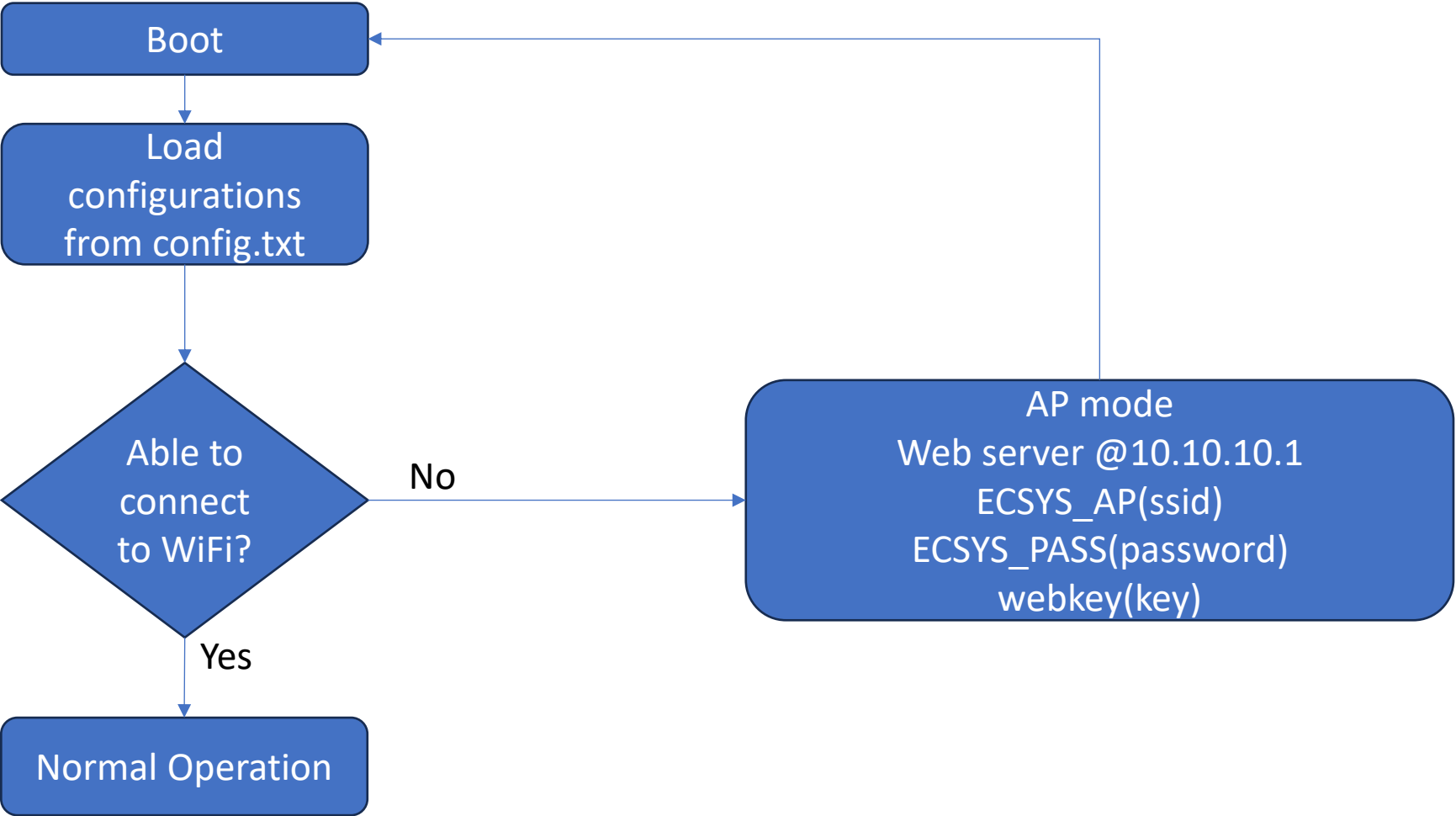


Solution



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:

Reboot

AP Mode
Both LED's will blink
in Alternative

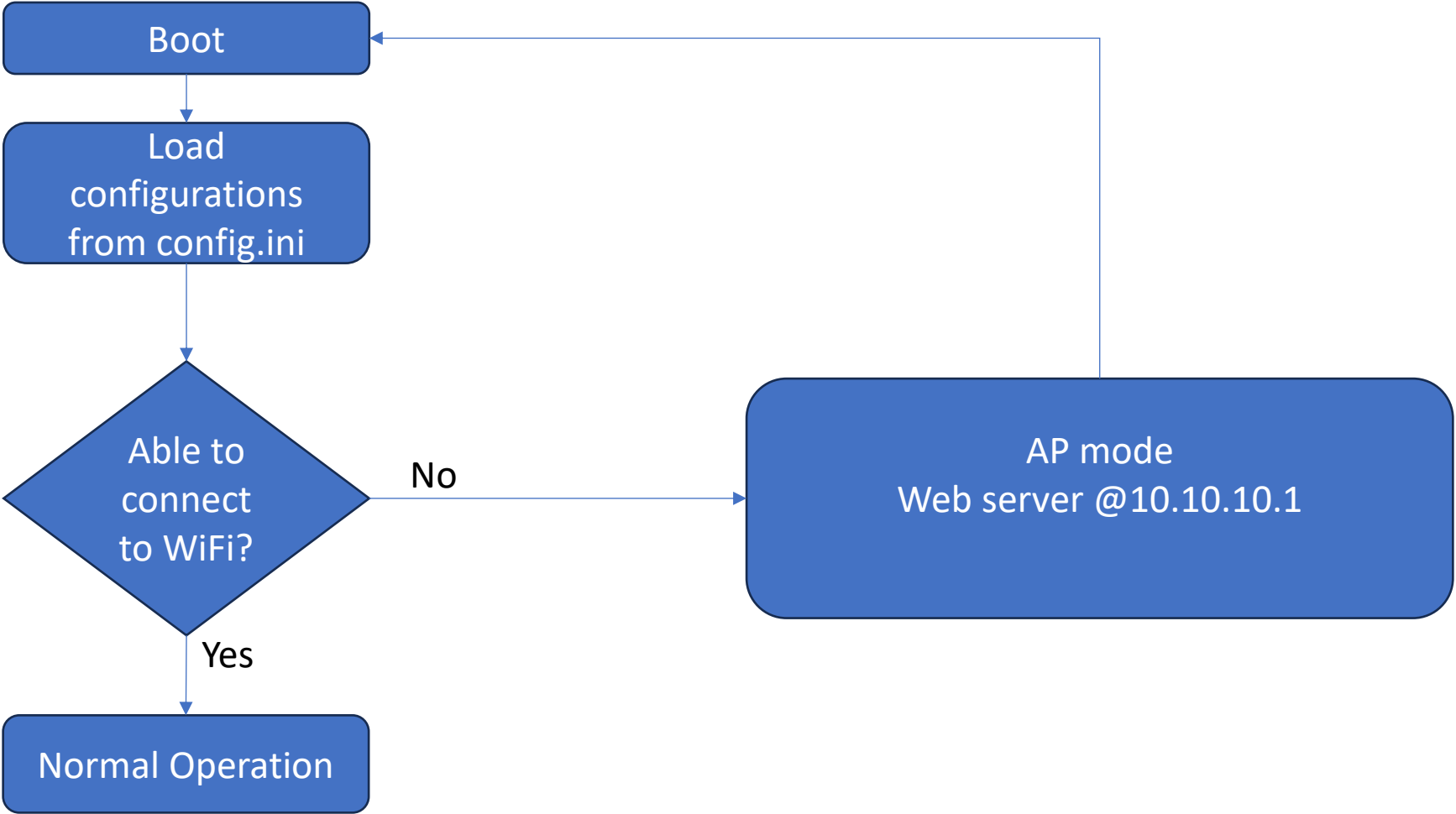
No

Able to
connect
to WiFi?

Yes

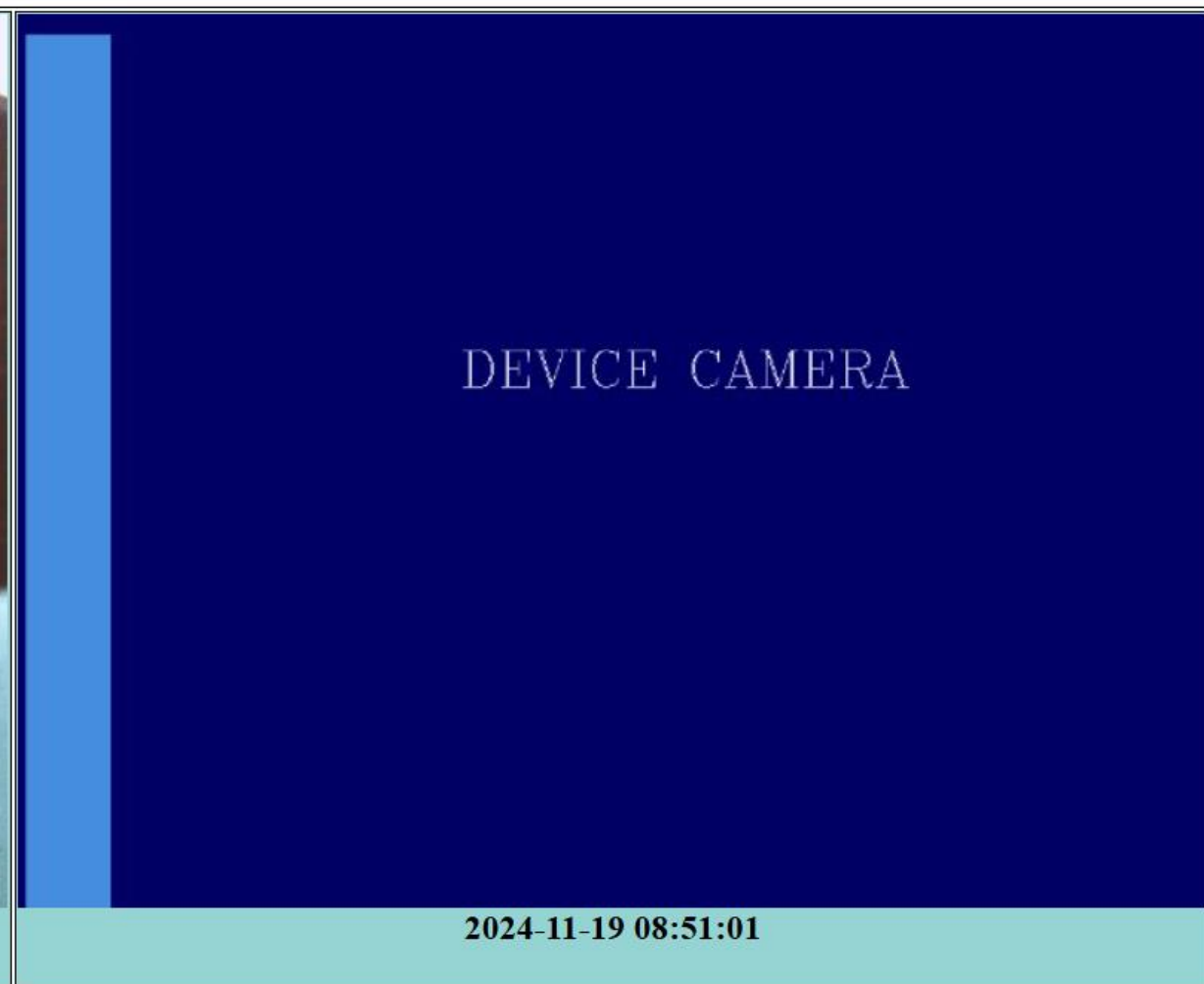
LED White = OFF
LED Colour =
BLINK upon
receiving KEEP
ALIVE packets

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

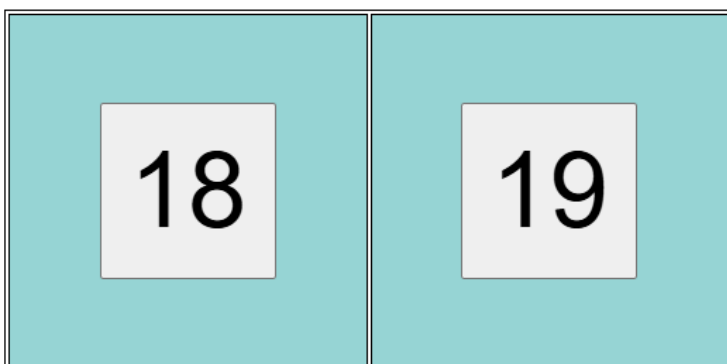
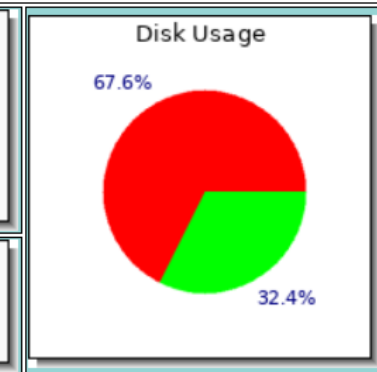
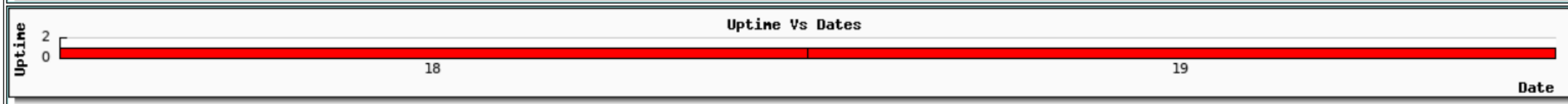
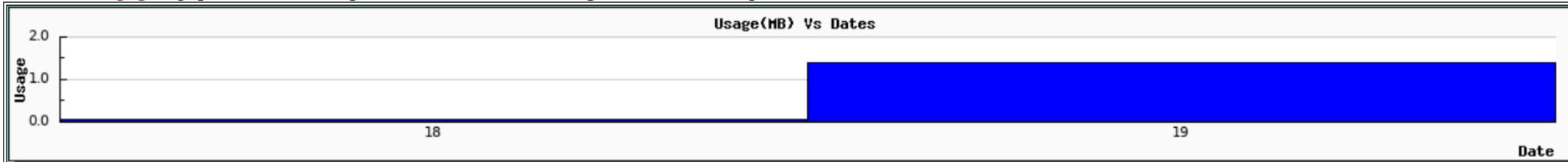


This is a private web site, any unauthorized attempt to access will be prosecuted to the maximum permitted by the law.

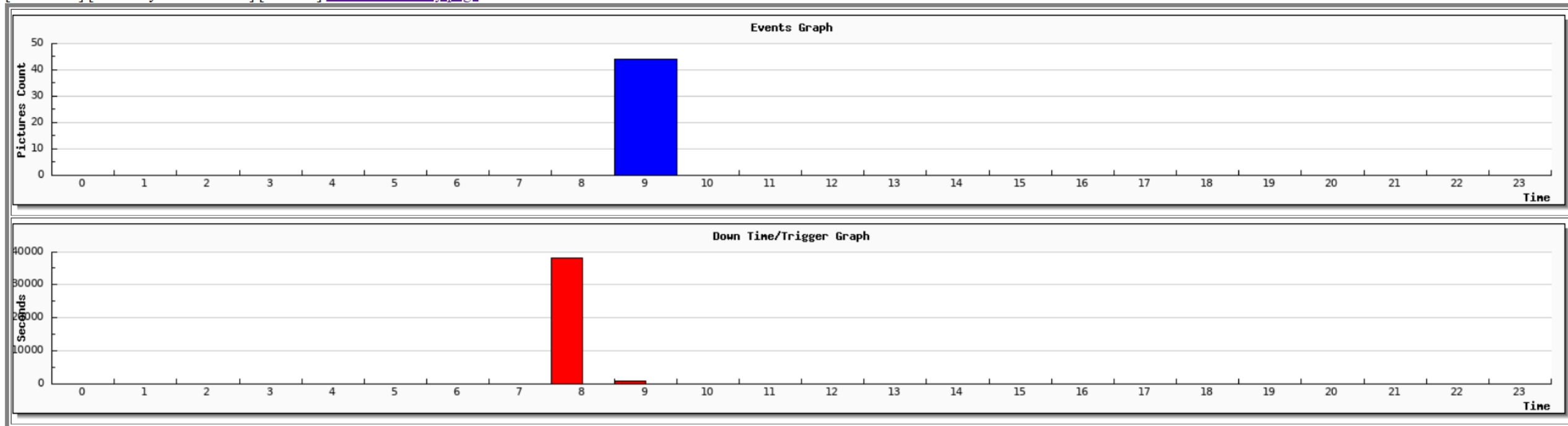




[Show Summary](#)
[Show Configuration](#)



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

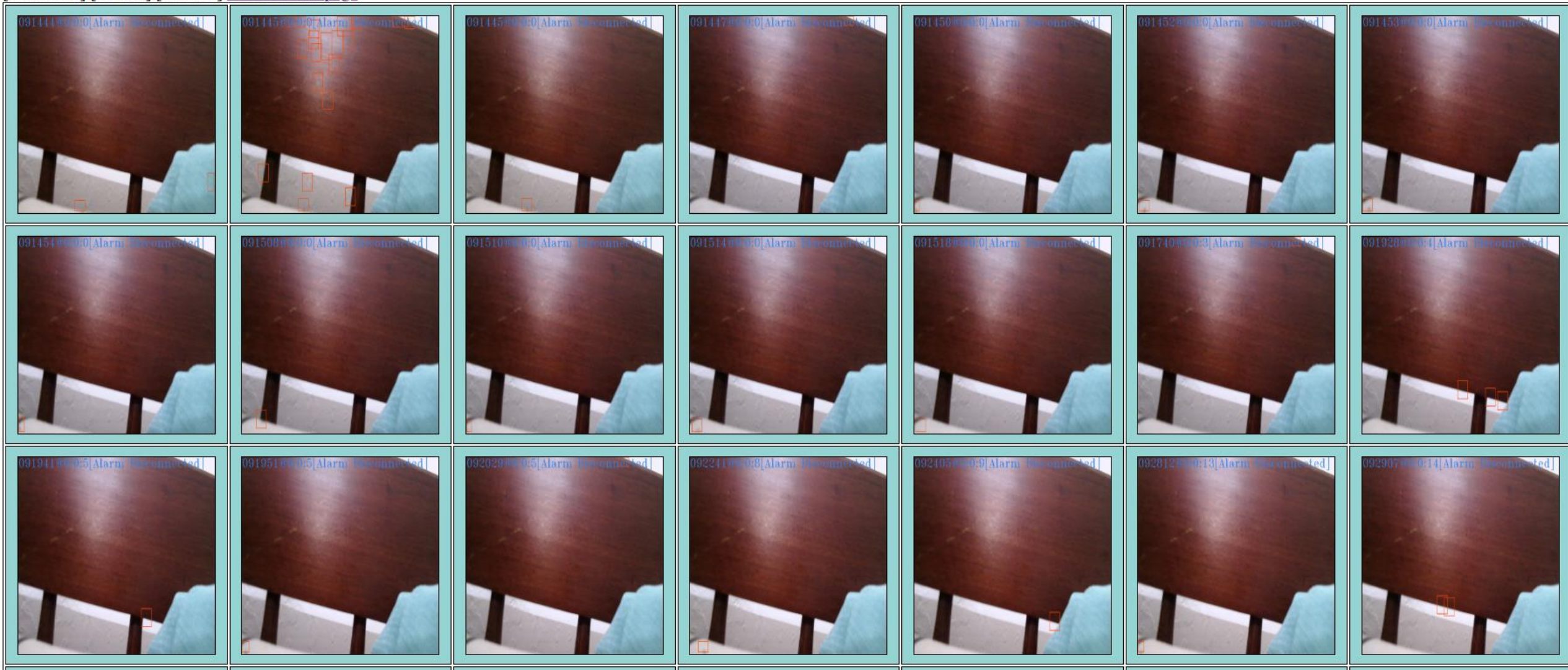


Select Hour: 0 ▼

Submit

Select Hours to Analyse

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



Network Configuration		Mouse Configuration		Camera Configuration		Microphone Configuration											
<table><tr><th>NAME</th><th>STATUS</th></tr><tr><td>sarath_nivas</td><td>wlan0</td></tr><tr><td>ecsys_ap</td><td>--</td></tr></table>		NAME	STATUS	sarath_nivas	wlan0	ecsys_ap	--	ID	NAME			<table><tr><th>ID</th><th>NAME</th></tr><tr><td>2</td><td>HD Web Camera</td></tr></table>		ID	NAME	2	HD Web Camera
		NAME	STATUS														
		sarath_nivas	wlan0														
		ecsys_ap	--														
		ID	NAME														
		2	HD Web Camera														
		0	CX 2.4G Receiver														
1	CX 2.4G Receiver Mouse	ID	NAME														
2	CX 2.4G Receiver	0	bcm2835-codec-decode														
3	CX 2.4G Receiver Consumer Control	1	bcm2835-isp														
4	CX 2.4G Receiver System Control	2	HD Web Camera: FINGERS 1080 Hi-														
		5	ADS7846 Touchscreen														
		6	HD Web Camera: FINGERS 1080 Hi-														

ID	5 X 0	Y 540	W 480	H 540
ID	6 X 960	Y 810	W 960	H 270

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"/>	<div>SSID <input type="text"/></div> <div>PASSWORD <input type="text"/></div> <div>WiFi mode <div>STA ▼</div> <div>ADD ▼</div> <div>Submit</div></div>	
MOUSE_NAME	<input type="text" value="CX 2.4G Receiver"/>	VOICE_START[0-23]	<input type="text" value="0"/>		
BEACON_TIMEOUT[1-255]	<input type="text" value="15"/>	VOICE_DURATION[1-24]	<input type="text" value="0"/>		
DIR_MAX[1-255]	<input type="text" value="2"/>	SEC	<input type="text" value="webkey"/>		
CAMERA	<input type="text" value="HD Web Camera: FINGERPRINT"/>	ACCESS	<input type="text" value="admin"/>		
MICRO	<input type="text" value="HD Web Camera"/>	REBOOT_THRESHOLD[60-100]	<input type="text" value="70"/>	<div>Submit</div>	
Mask Add		Mask Remove	System Reboot		
X	<input type="text"/>	ID <input type="text"/>	<div>Remove</div>	<div>REBOOT</div>	
Y	<input type="text"/>				
W	<input type="text"/>				
H	<input type="text"/>				
<div>Add</div>					

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	<div><input type="text"/><div>Add</div></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]

WiFi Mode: STA

ALARM

VOICE

UPTIME [0:0:0]