

**NIGHT OWL**

  
PWR

  
HDD

**HD**  **WIRELESS**



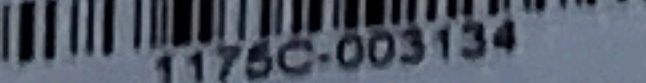


**NIGHT OWL®**

Model: WNVR-C20-01-JUN  
8 Channel WNVR 2.0 with 1 TB HDD

Input: 12V

FCC ID: 2APRB-WNVR-C20-JUNF

S/N:  1175C-003134

Made in China

This device complies with part 15 of the FCC rules. Operation is

subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including

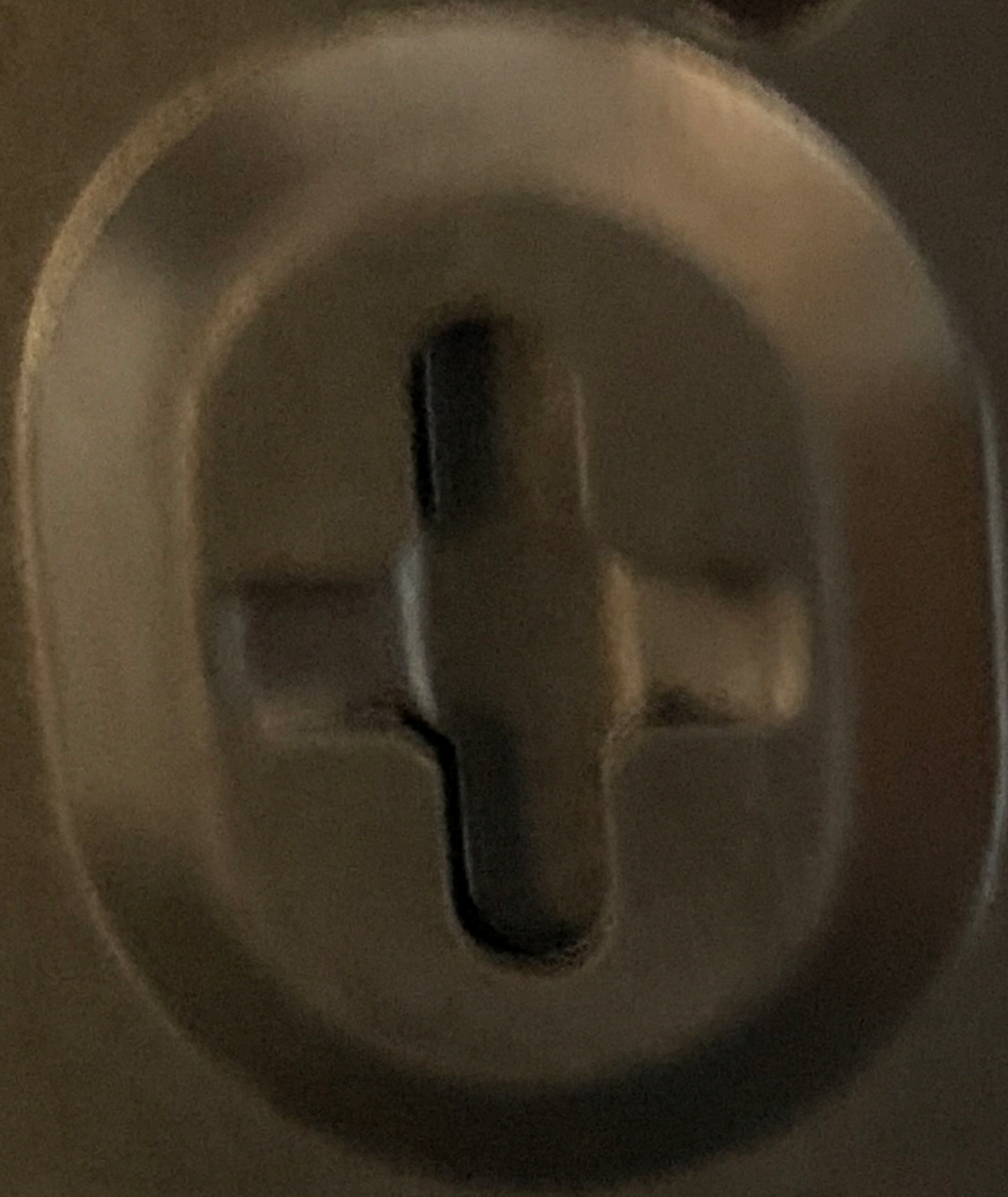
interference that may cause undesired operation.

**CAUTION!** You may be  
subjected to severe  
electrical shock if you  
remove the cover of  
this unit.







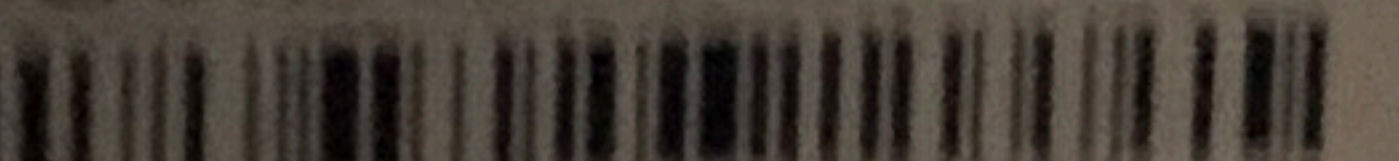


# NIGHT OWL<sup>®</sup>

Model: WNVR-E20-81-JUN  
8 Channel WNVR 2.0 with 1 TB HDD

Input: 12V

FCC ID: 2A9RB-WNVR-E20-JUNF

S/N:   
1178C-003134

Made in China

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference, and  
(2) this device must accept any interference received, including interference that may cause undesired operation.

**CAUTION!** You may be subjected to severe electrical shock if you remove the cover of this unit.





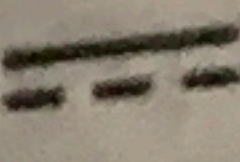




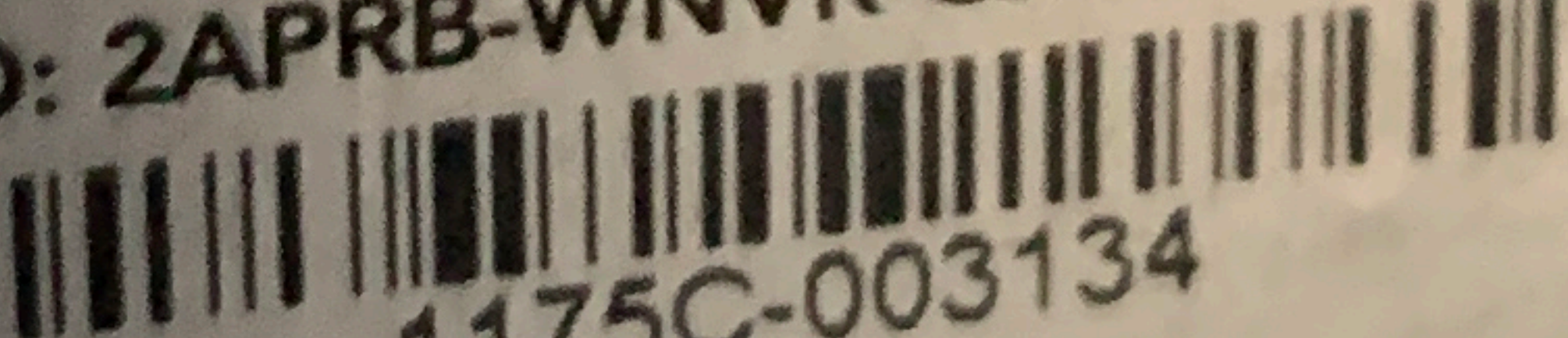
**NIGHT OWL<sup>®</sup>**

Model: WNVR-C20-81-JUN

8 Channel WNVR 2.0 with 1 TB HDD

Input: 12V 

FCC ID: 2APRB-WNVR-C20-JUNF


S/N: 

1175C-003134

Made in China

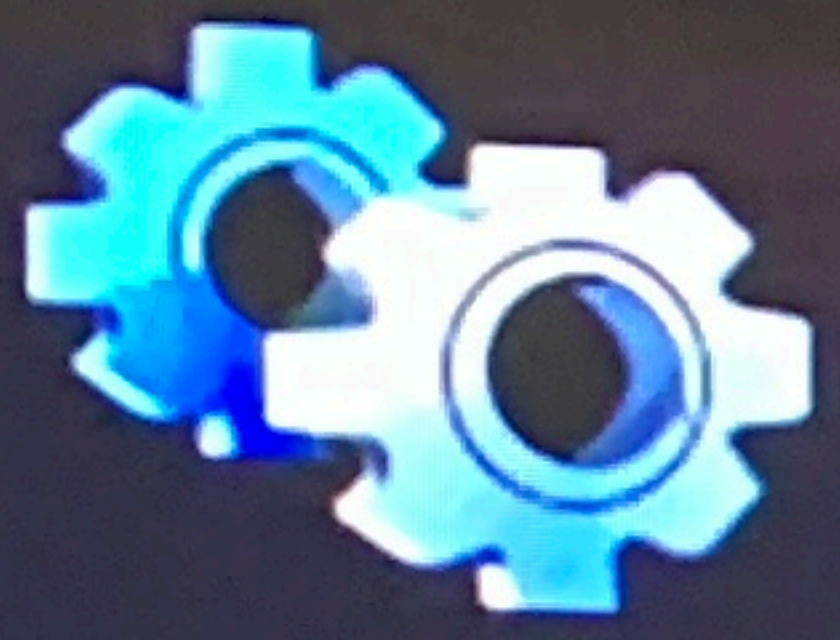
This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

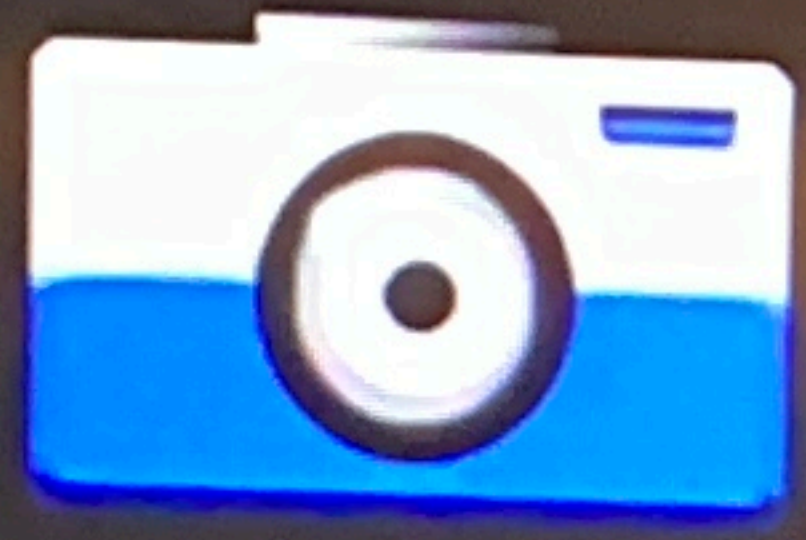
 **CAUTION!** You may be subjected to severe electrical shock if you remove the cover of this unit.



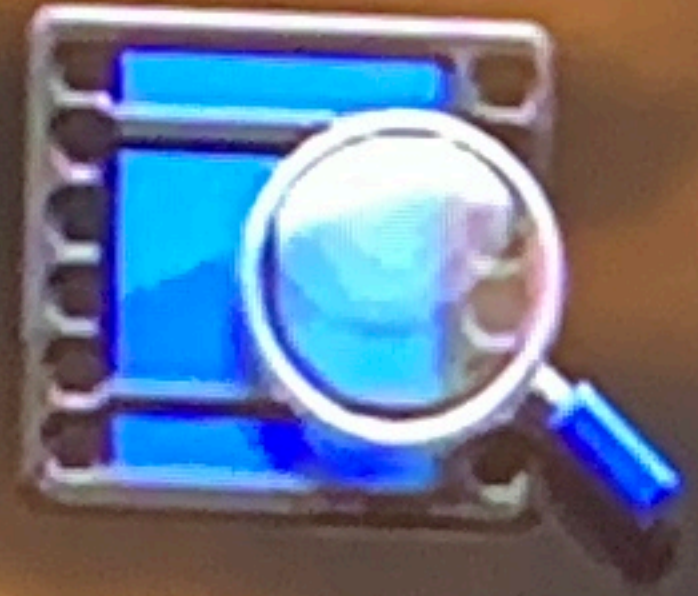




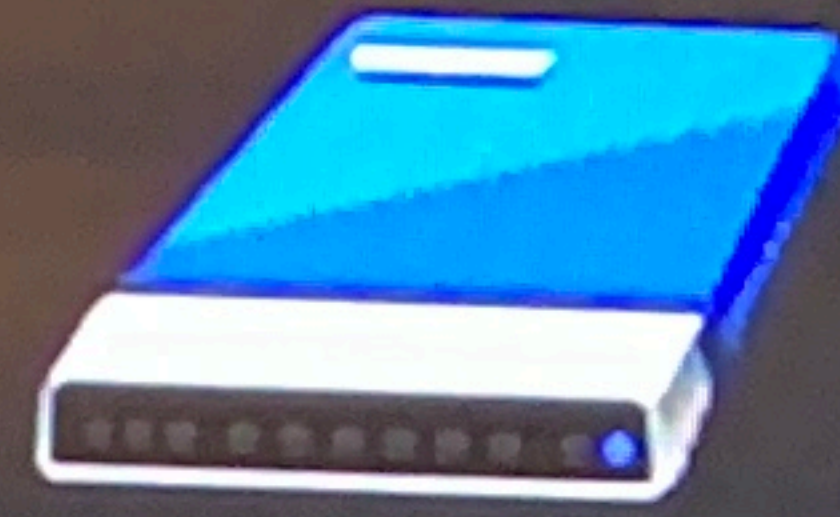
General



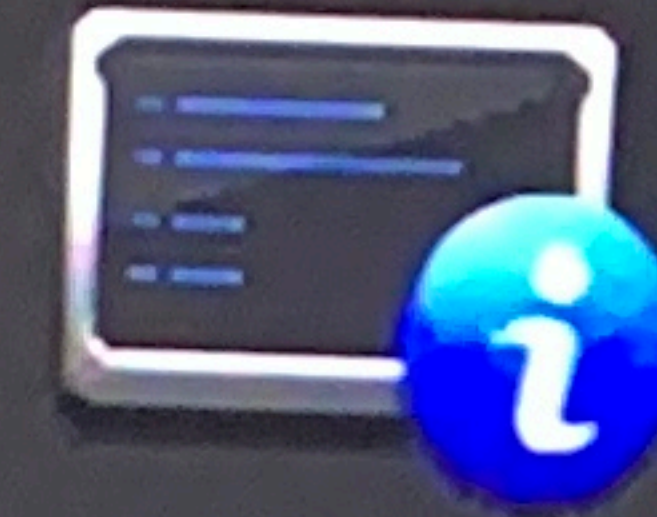
Camera



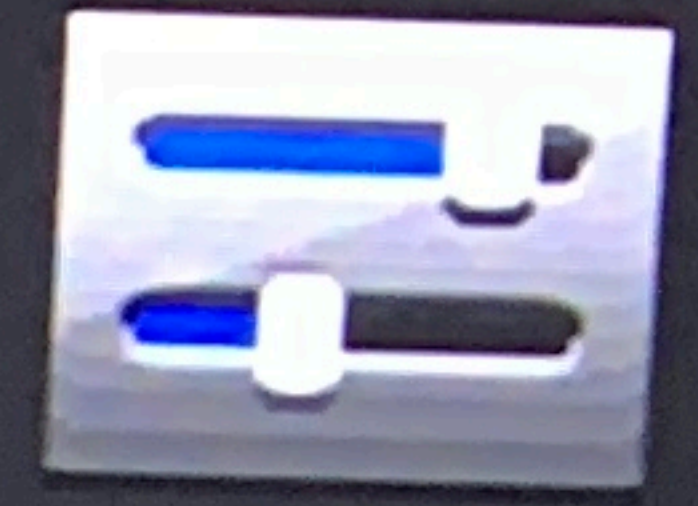
Record Setting



Hard Drive



System



Maintenance

Network

DDNS

Video Alarm

Time Setup

DHCP

IP Address 192.168.1.2

Subnet Mask 255.255.255.0

Gateway 192.168.1.1

MAC Address 542B-572A-7C18

Preferred DNS 192.168.1.1

Web Port 80

Network Bandwidth 100 Mb/s

Network Status Healthy Network

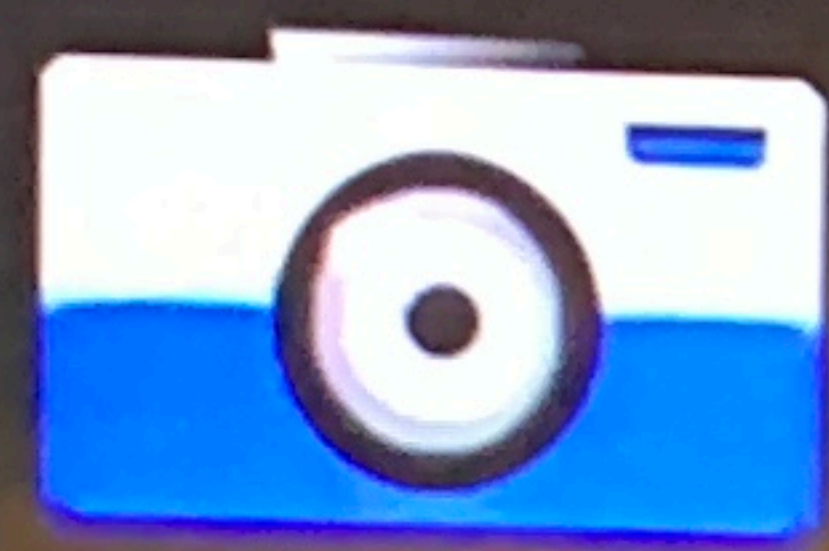
Apply

Cancel

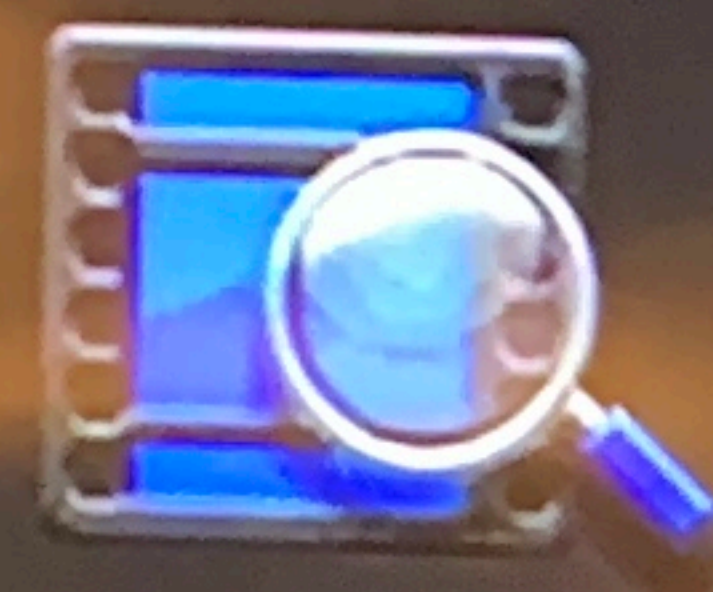




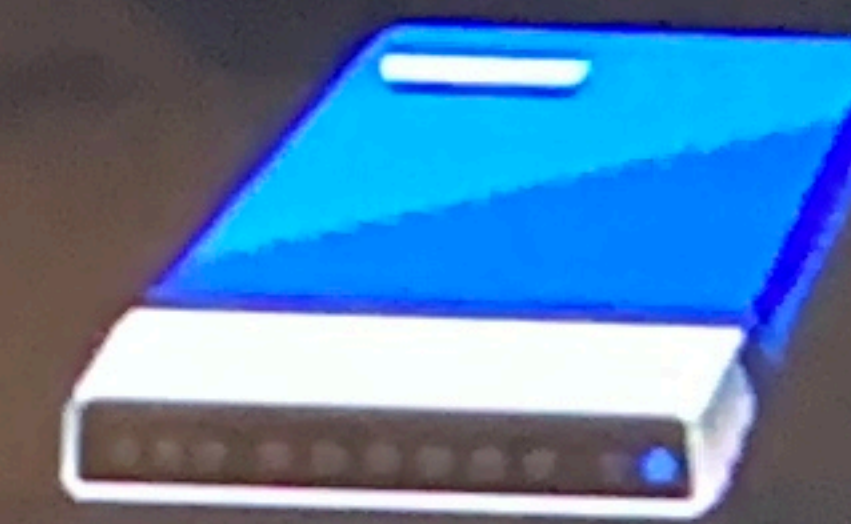
General



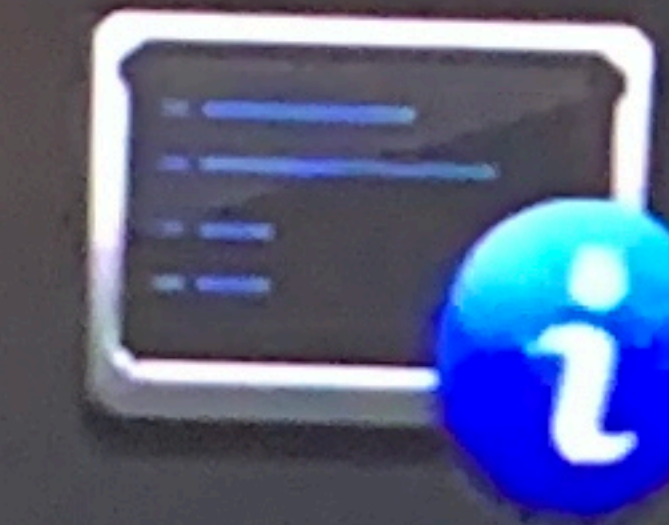
Camera



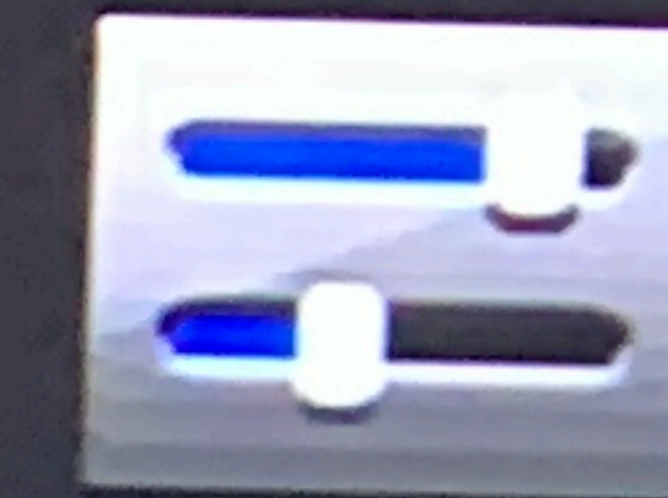
Record Setting



Hard Drive



System



Maintenance

Network

DDNS

Video Alarm

Time Setup

DDNS Function  Enable

DDNS Provider

URL

Username

Password

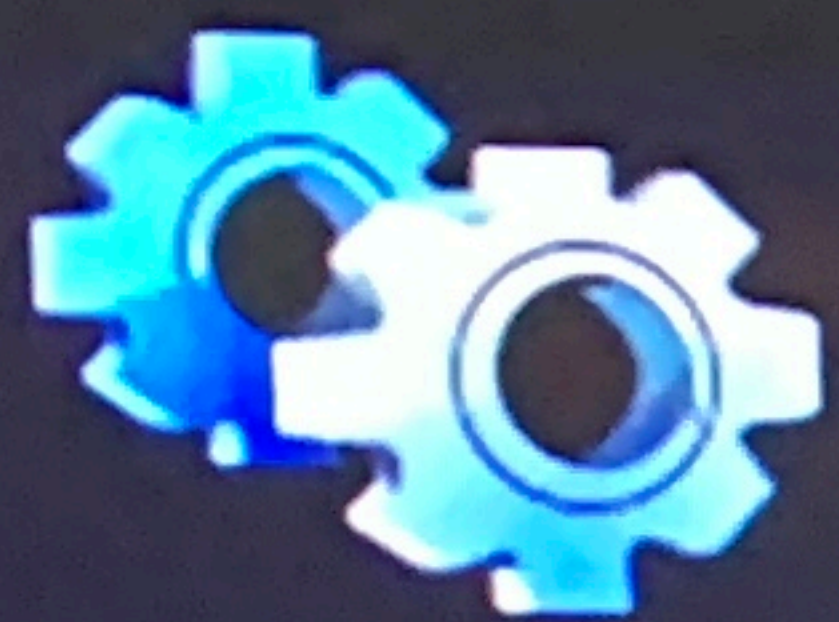
Test

Reset

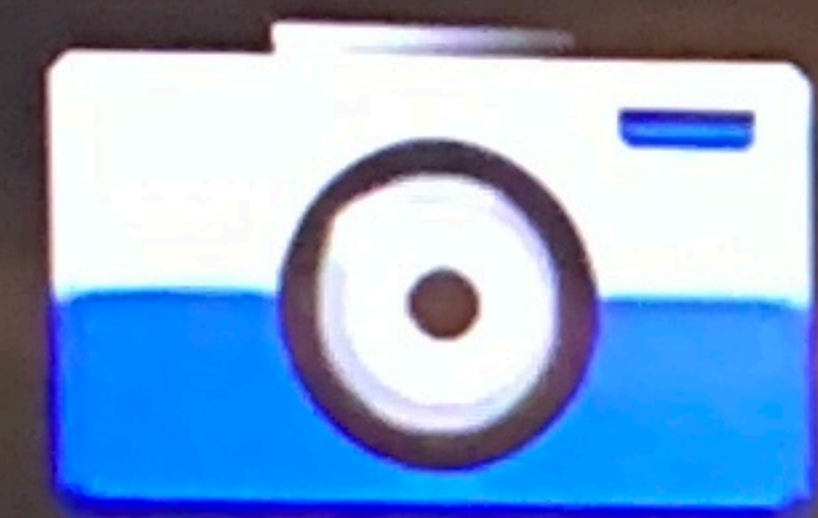
Apply

Cancel

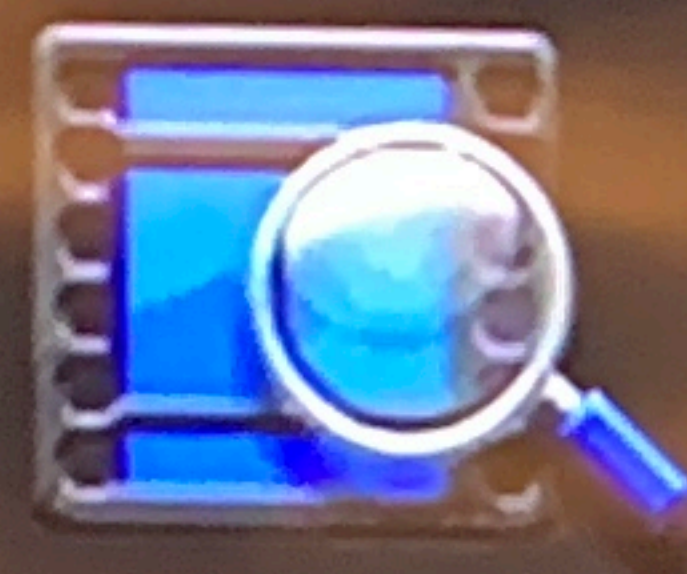




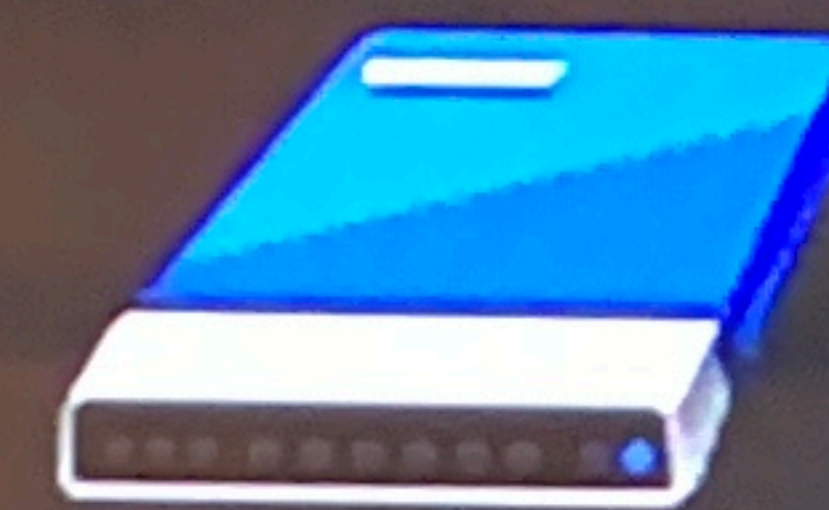
General



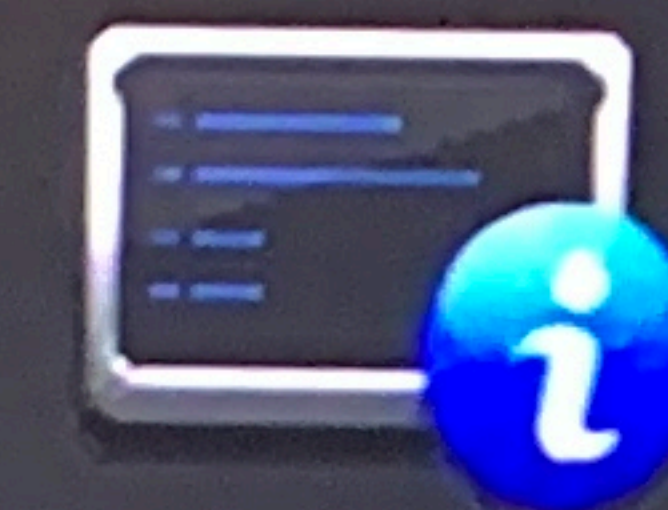
Camera



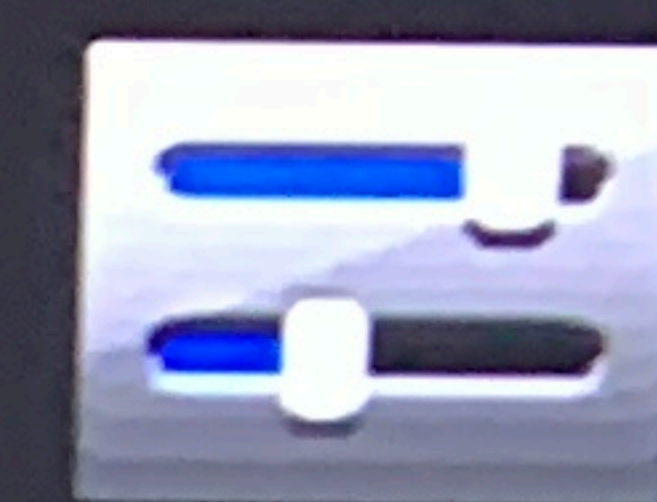
Record Setting



Hard Drive



System



Maintenance

Network

DDNS

Video Alarm

Time Setup

Camera

1

Detection

Motion

Motion Sensitivity

High

Pre Recording

5 seconds

Copy To

PIR Enable

Audible Warning

Push Notification

Notification Schedule

Area Setup

Apply

Cancel





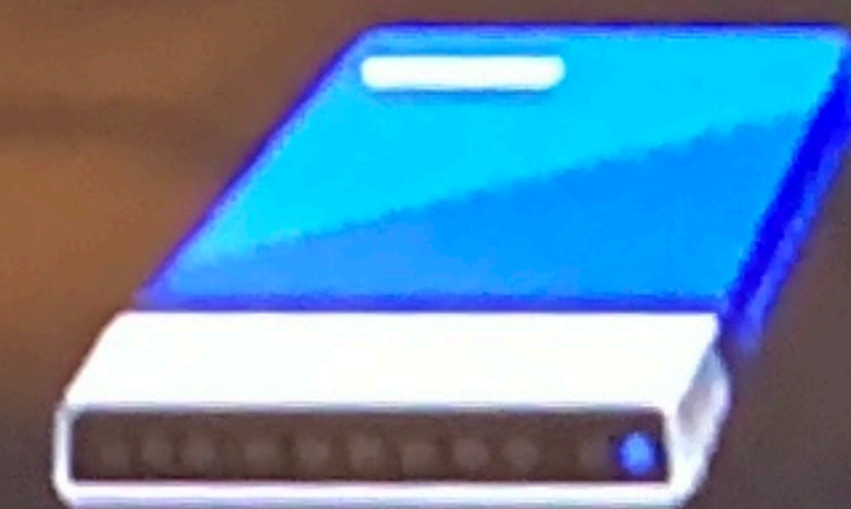
General



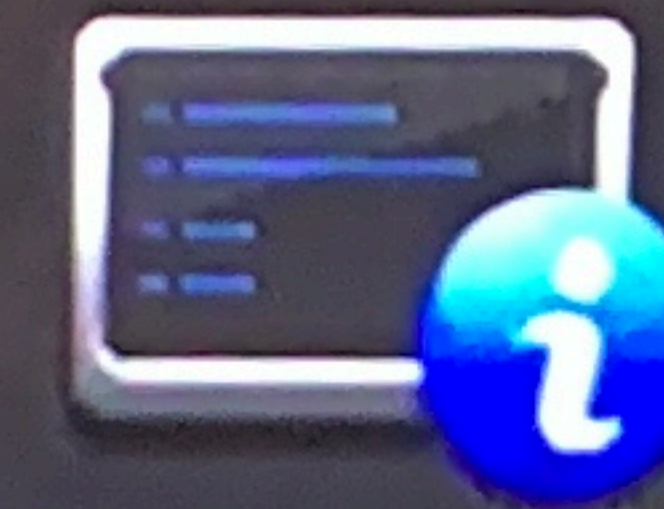
Camera



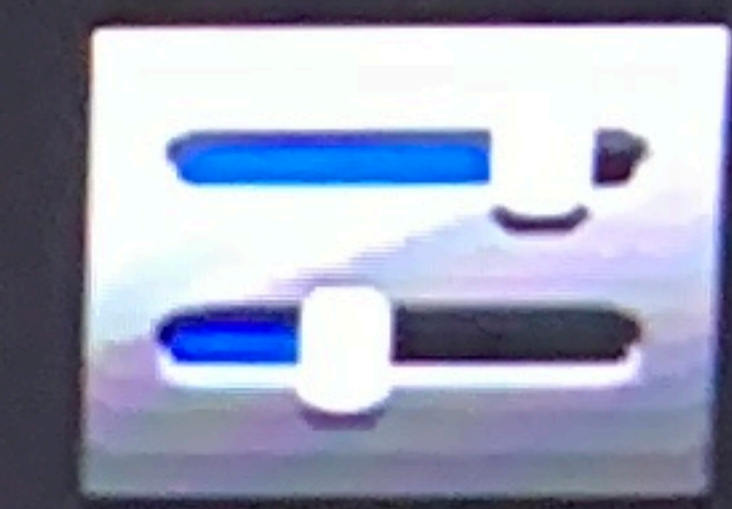
Record Setting



Hard Drive



System



Maintenance

Network

DDNS

Video Alarm

Time Setup

Date Format

MM/DD/YYYY

Time Zone

+04:00

Sync Time

Enable

Advance

System Date

10/05/2022

System Time

12 :03 :10

Time Format

12h

24h

Daylight Savings Time (DST)

Setup

10/05/2022 12:03:18

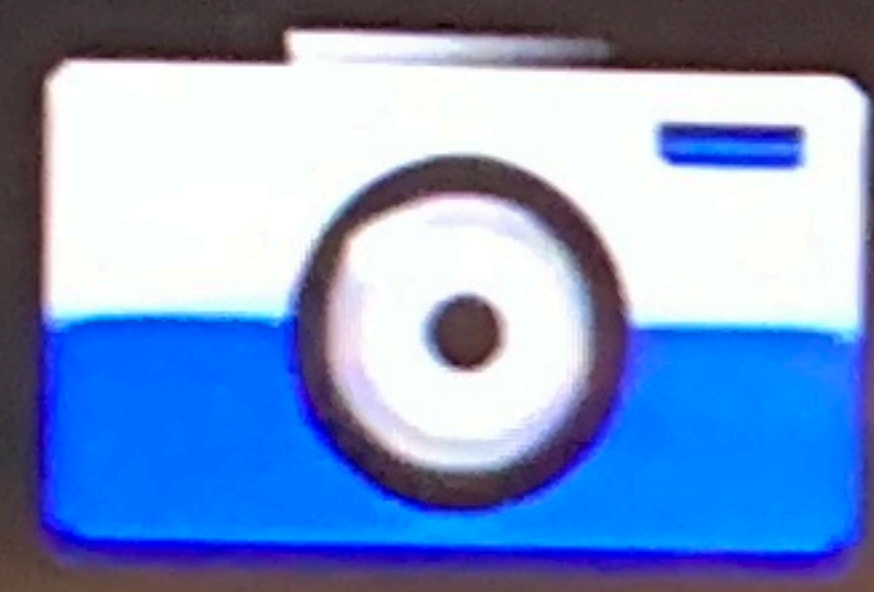
Apply

Cancel

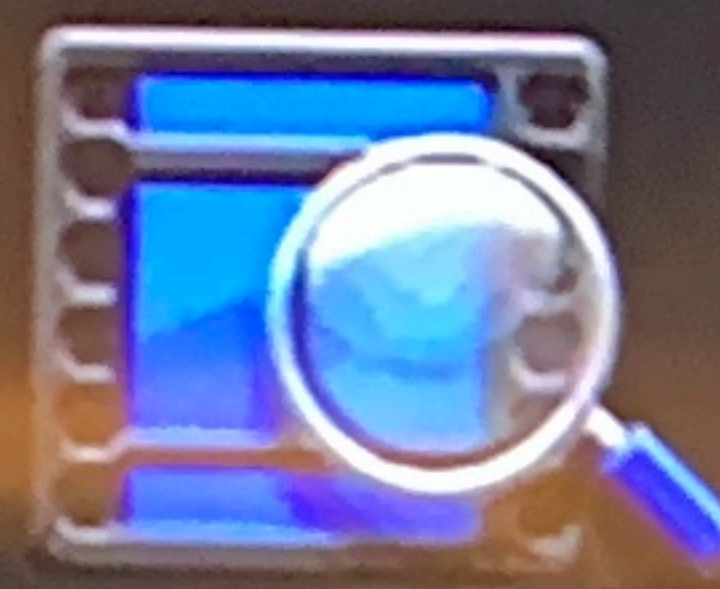




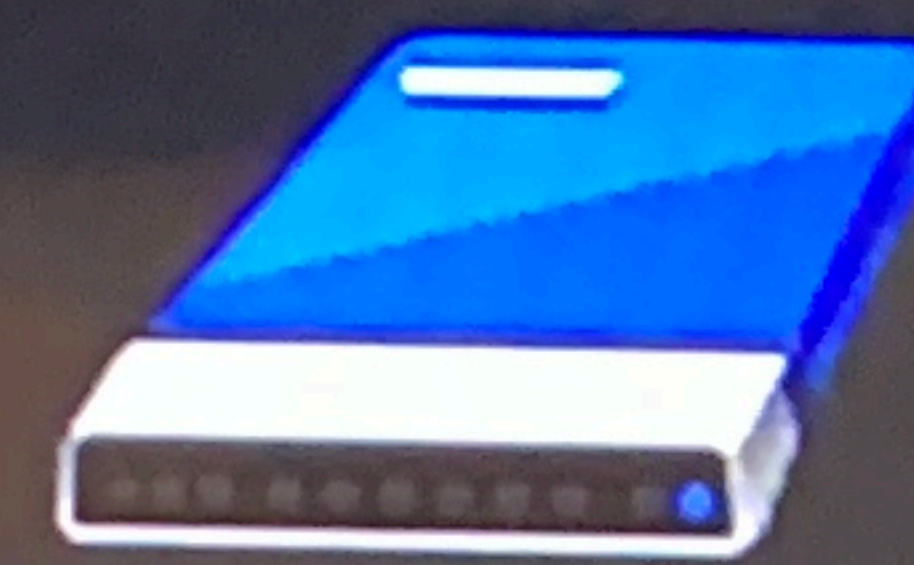
General



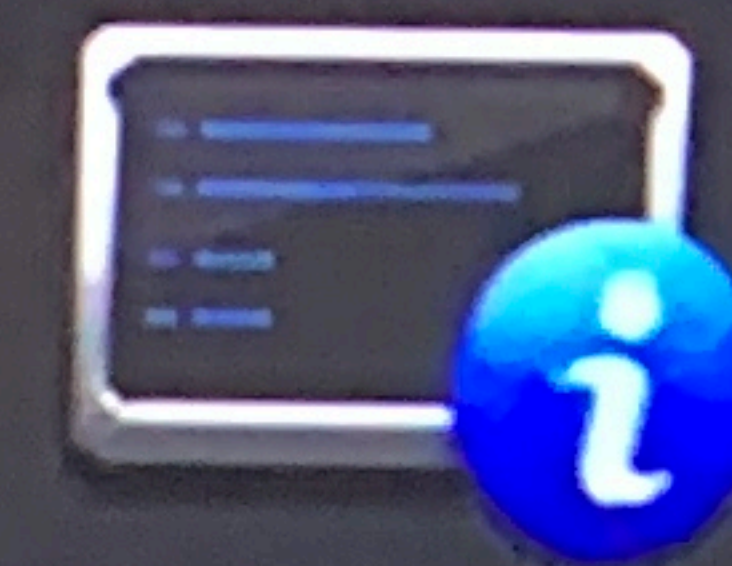
Camera



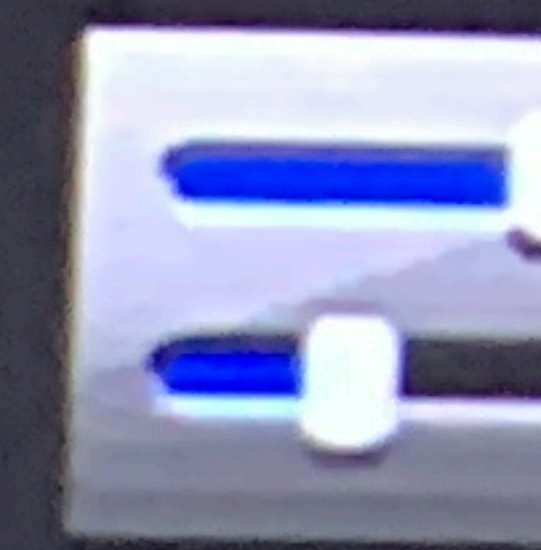
Record Setting



Hard Drive



System



Mainten

Network

DDNS

Video Alarm

Time Setup

Date Format

MM/DD/YYYY

Time Zone

+04:00

Sync Time

Enable

Advance

System Date

10/05/2022

System Time

12 :03 :10

Time Format

12h

24h

Daylight Savings Time (DST)

Setup

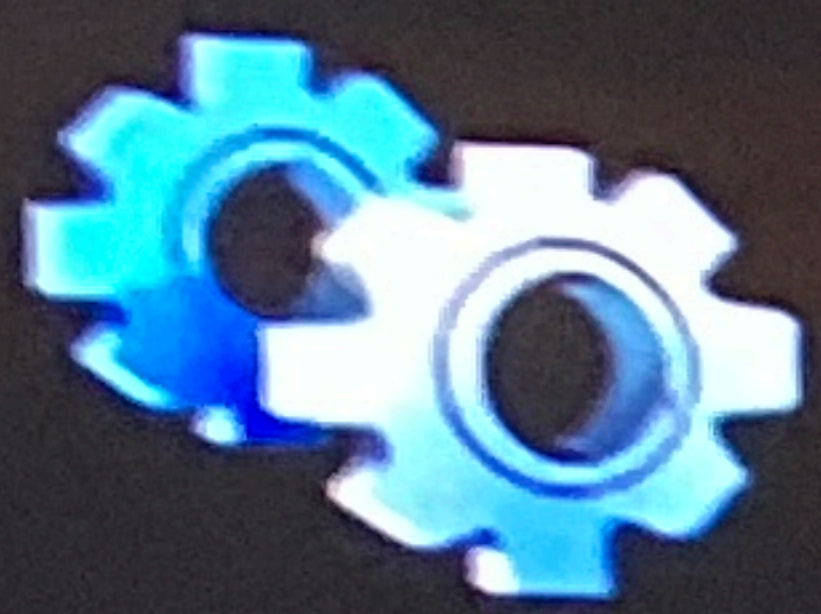
10/05/2022 12:03:32

4 52 38

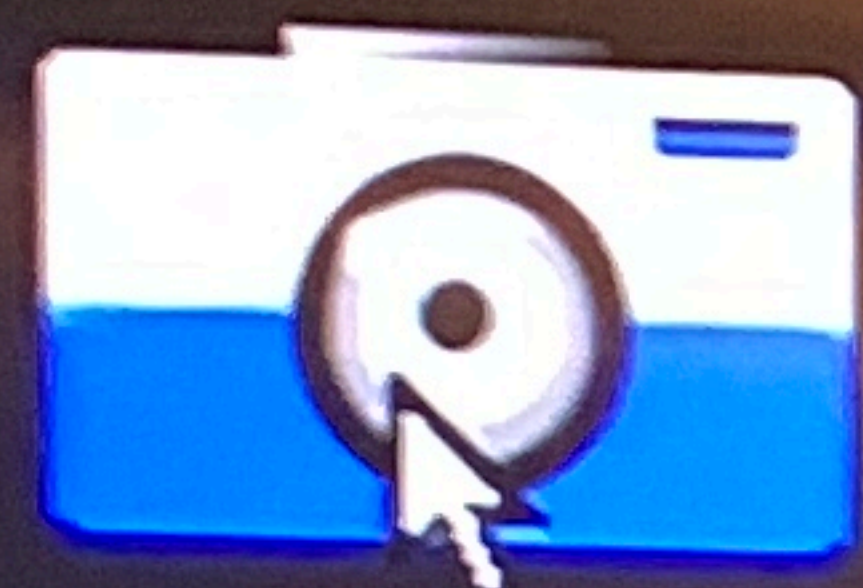
Apply

Cancel

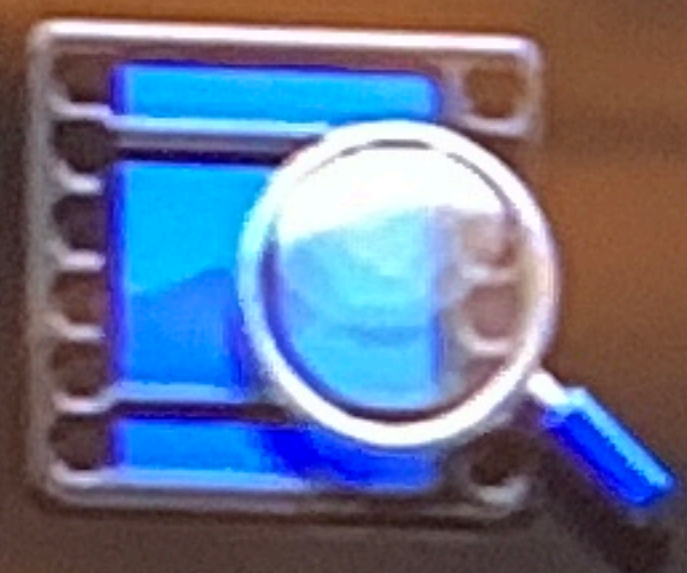




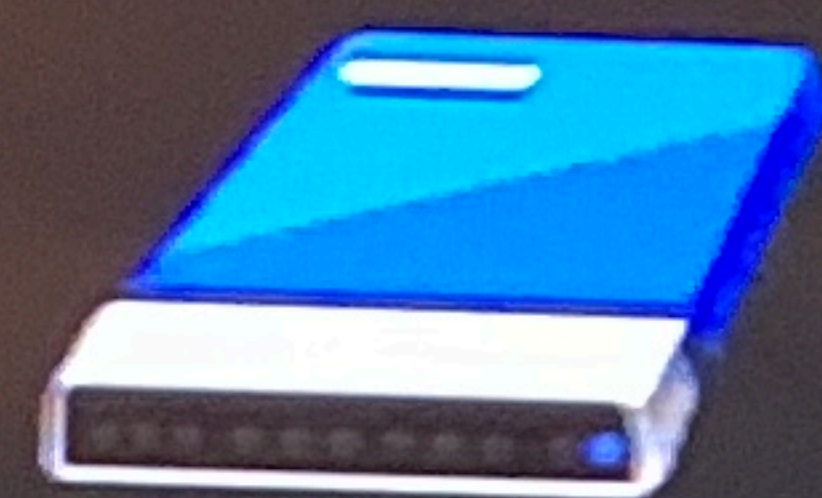
General



Camera



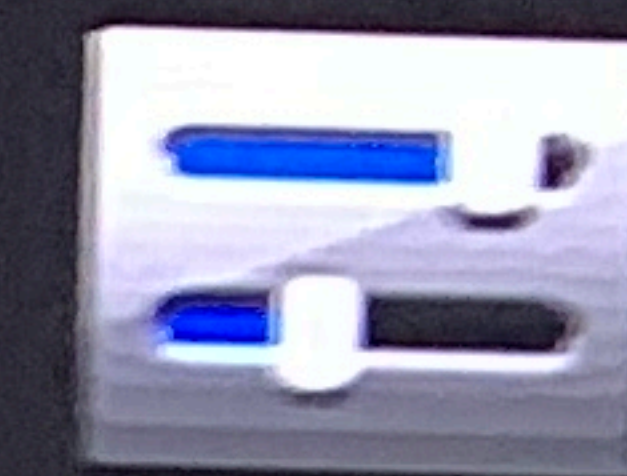
Record Setting



Hard Drive



System



Maintenance

Status

Add Camera

Channel OSD

Video Quality

IPC Upgrade

Camera	Device Name	Resolution	Speed (bps)	S/W Version
1	WCM-G20SD-BU	1920x1080	2Mbps	WCM-G20SD-BU_20190627
2	WCM-G20SD-BU	1920x1080	2Mbps	WCM-G20SD-BU_20190627
3	—	—	—	—
4	—	—	—	—
5	—	—	—	—
6	—	—	—	—
7	—	—	—	—
8	—	—	—	—

Refresh

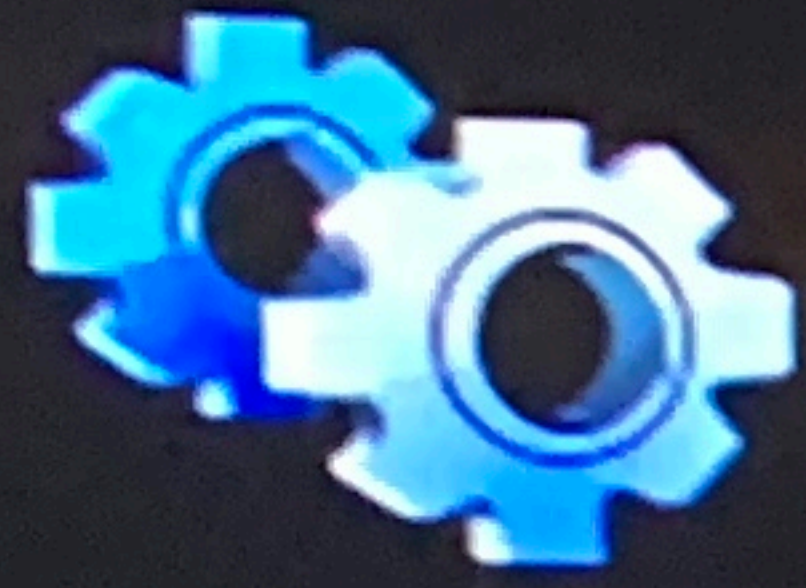
Main Stream

Sub Stream

Apply

Cancel

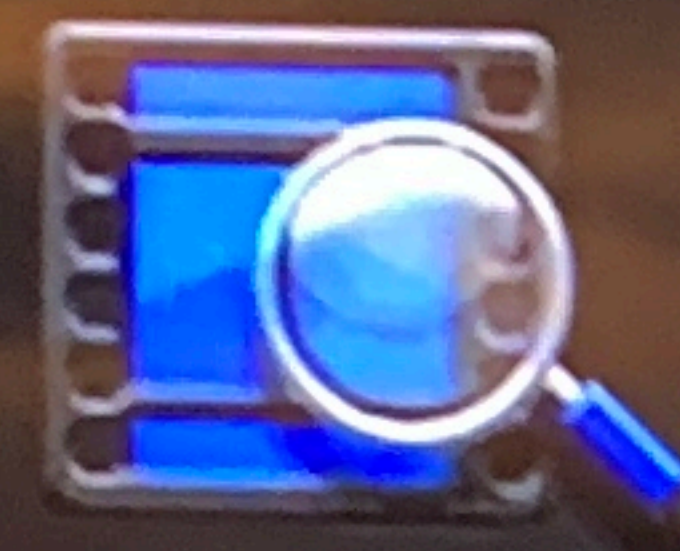




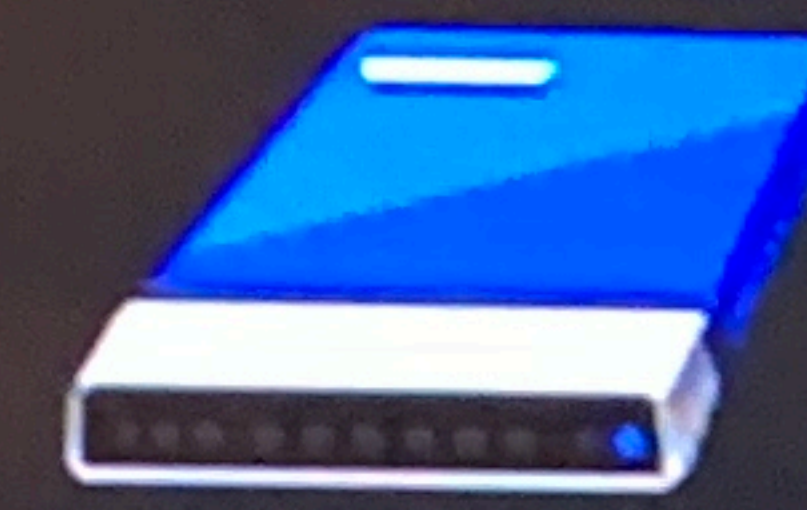
General



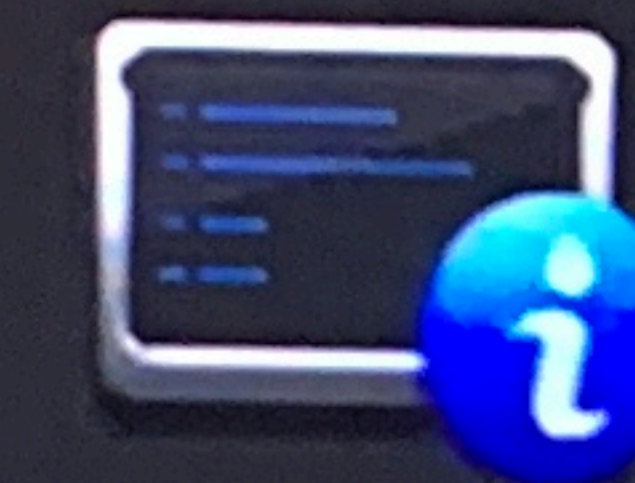
Camera



Record Setting



Hard Drive



System



Maintenance

Status

Add Camera

Channel OSD

Video Quality

IPC Upgrade

Protocol Private

ID	Device Name	IP Address	Port	Protocol

- Wireless Add
- Add All Cameras
- Edit
- Advance

< 0 / 0 >

Camera	Device Name	IP Address	Status
1	WCM-G20SD-BU	172.20.14.50	Connect Success
2	WCM-G20SD-BU	172.20.14.51	Connect Success
3	WCM-G20SD-BU	172.20.14.141	Connect Failed
4	WCM-G20SD-BU	172.20.14.235	Connect Failed
5			No Video Source
6			No Video Source
7			No Video Source
8			No Video Source

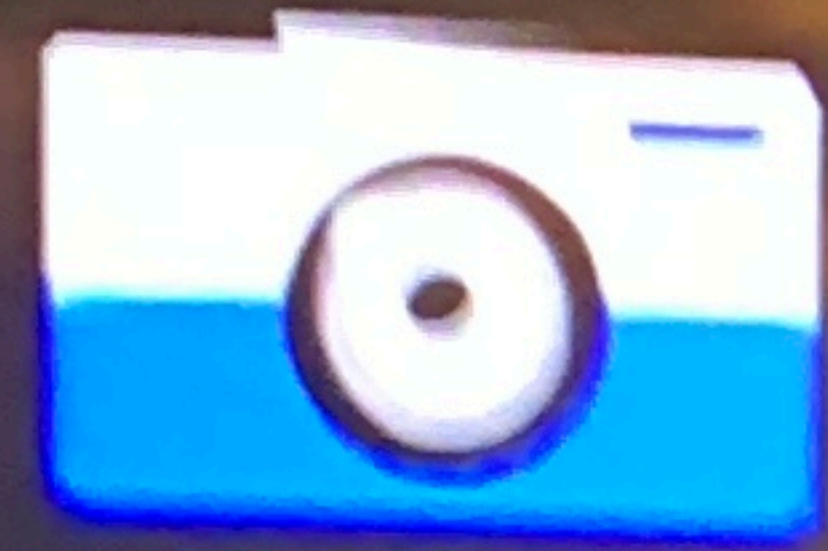
- Delete
- Delete All
- Manual Edit
- Repeater

Cancel

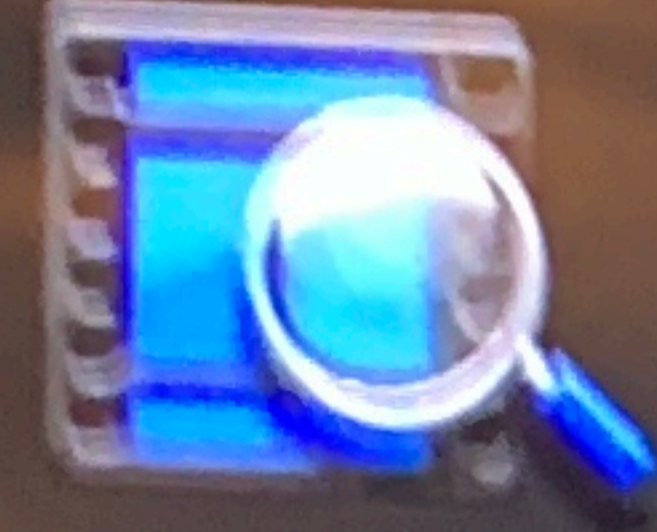




General



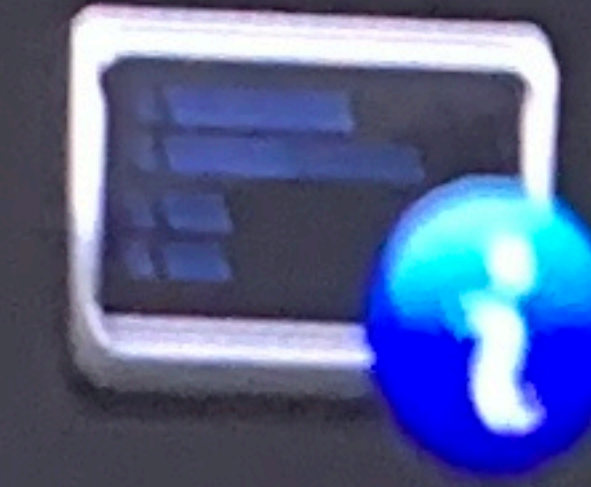
Camera



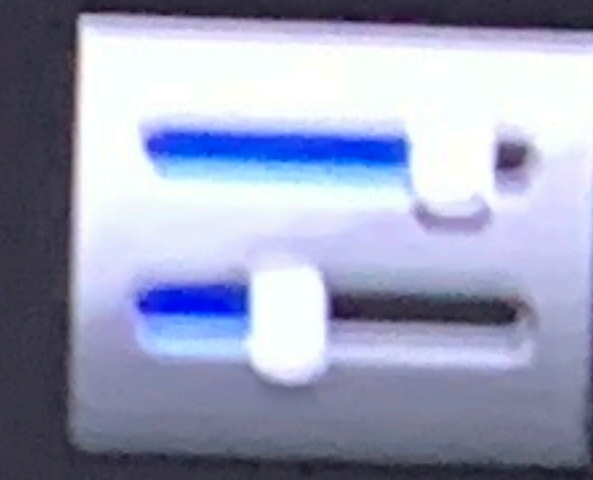
Record Setting



Hard Drive



System



Maintenance

Status

Add Camera

Channel OSD

Video Quality

IPC Upgrade

Camera

1

Image Settings

Camera Name

IP Camera

All Channels

Connect Quality

Enable

Excellent

Good

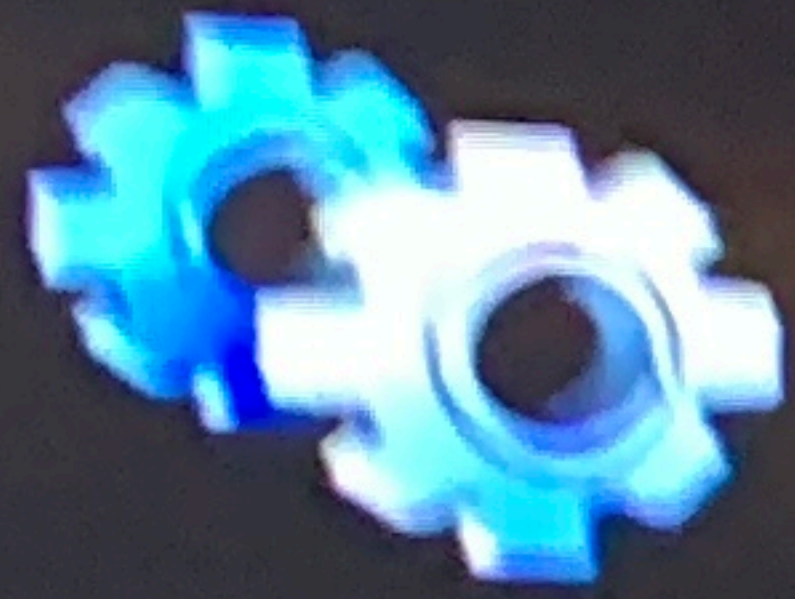
Bad

Disconnected

Apply

Cancel

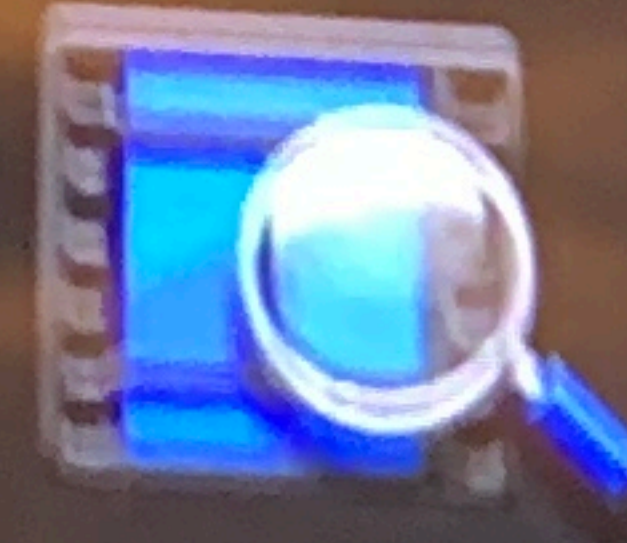




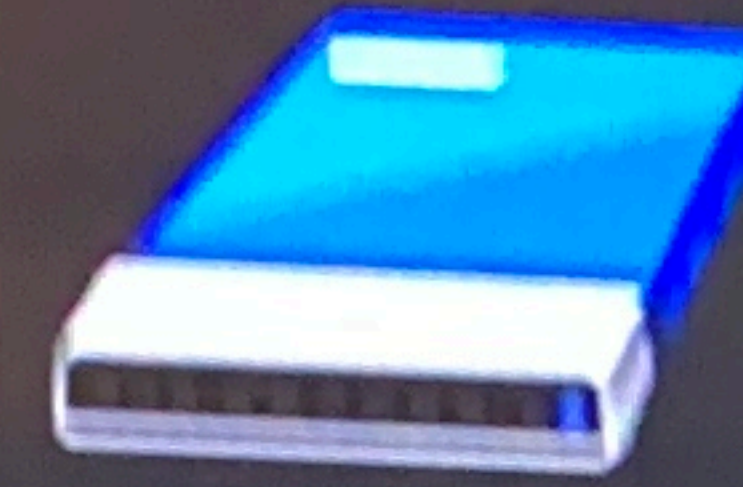
General



Camera



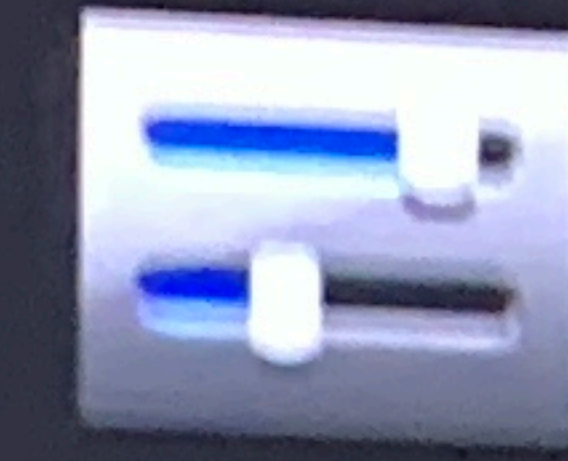
Record Setting



Hard Drive



System



Maintenance

Status

Add Camera

Channel OSD

Video Quality

IPC Upgrade

Camera

1

Encode Mode

AV Stream

Main Stream

Sub Stream

Bitrate Mode

Variable

Bitrate Mode

Variable

Resolution

1920x1080

Resolution

640x360

Camera Speed

2Mbps

Camera Speed

256kbps

Framerate

15fps

Framerate

15fps

Encode Format

H. 265+

Encode Format

H. 265+

Done

Apply

Cancel

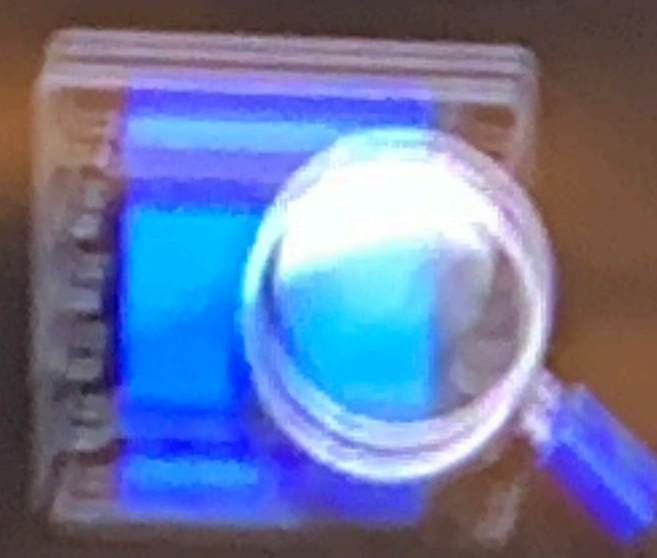




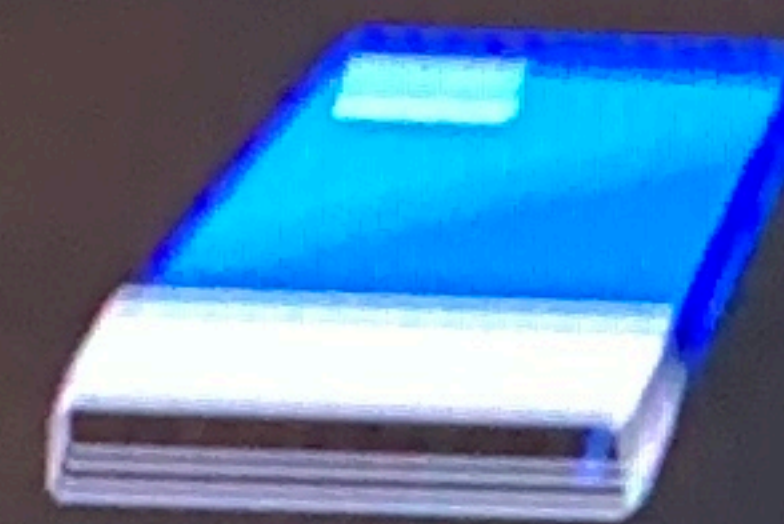
General



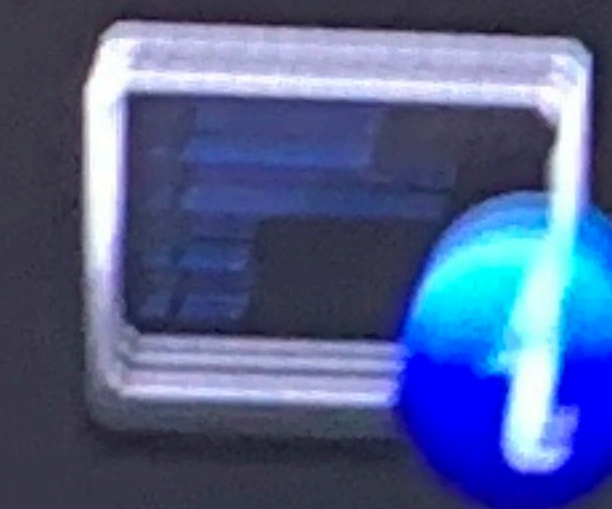
Camera



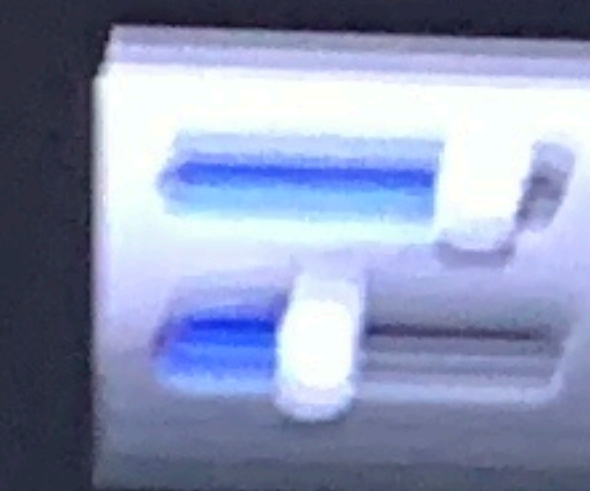
Record Setting



Hard Drive



System



Maintenance

Status

Add Camera

Channel OSD

Video Quality

IPC Upgrade

Camera	IP Address	S/W Version	Status	Select
1	172.20.14.50	WCM-0208D-BU_20190627		<input type="checkbox"/>
2	172.20.14.51	WCM-0208D-BU_20190627		<input type="checkbox"/>
3	172.20.14.141	WCM-0208D-BU_20190627		<input type="checkbox"/>
4	172.20.14.235	WCM-0208D-BU_20190627		<input type="checkbox"/>

< 1 / 1 >

All

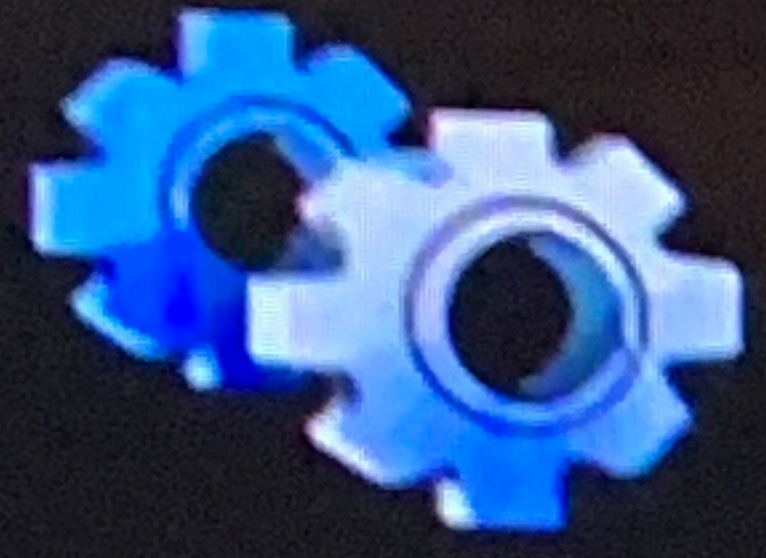
Firmware From **USB Storage**

Start

Allow The Device To Downgrade

Cancel





General



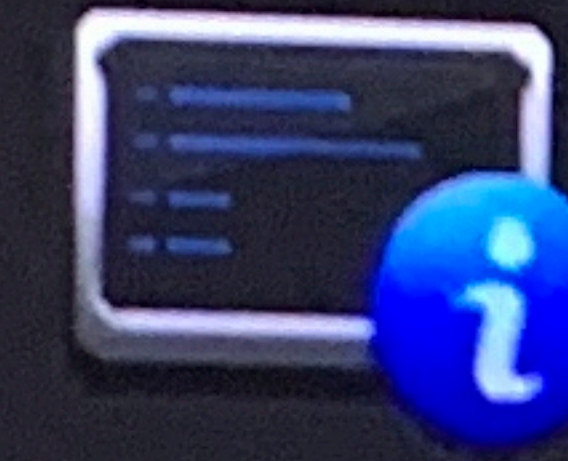
Camera



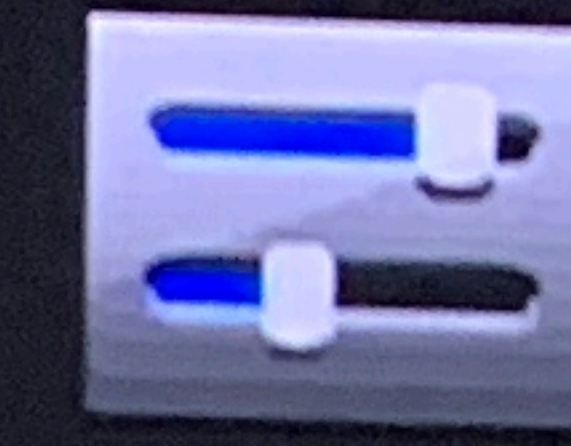
Record Setting




Hard Drive



System



Maintenance

 Record Setting

 Export Recordings

Camera

1

Continuous

Motion

None

Copy To

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

Su

Mo

Tu

We

Th

Fr

Sa

Apply

Cancel

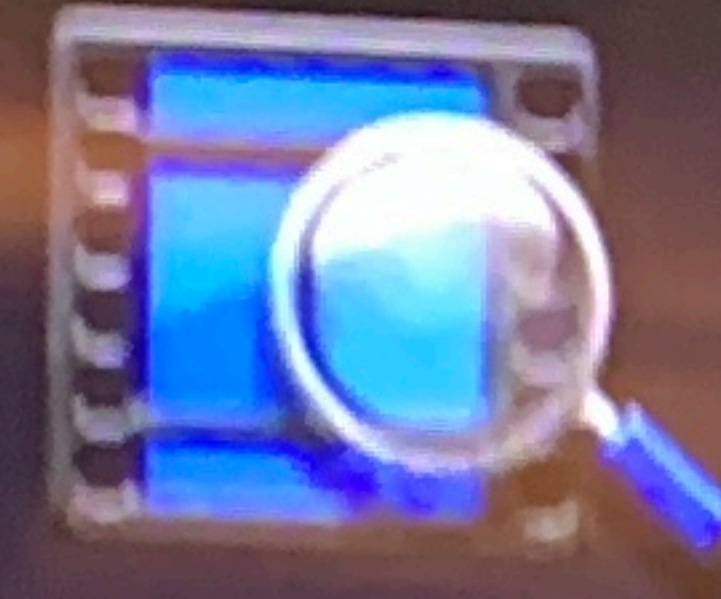




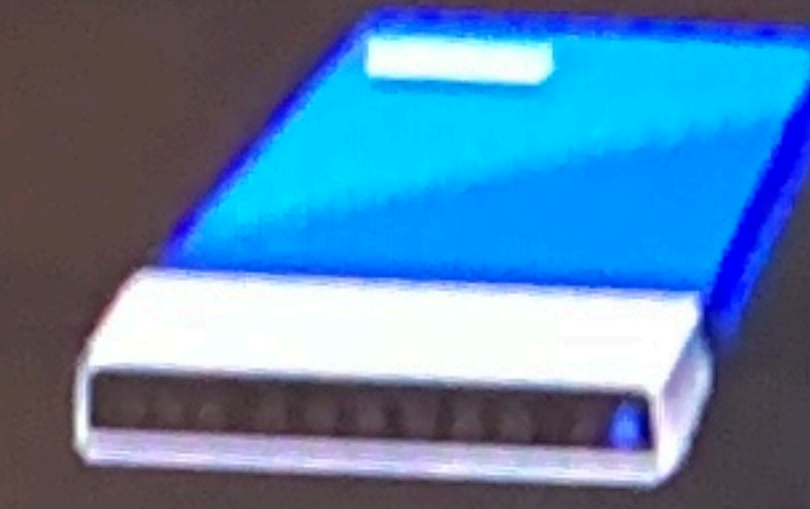
General



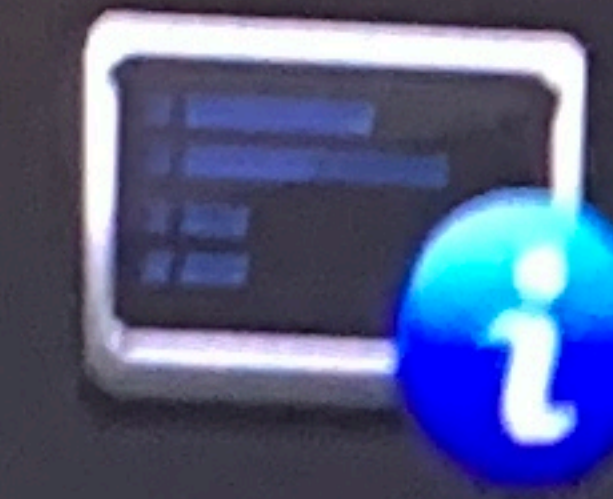
Camera



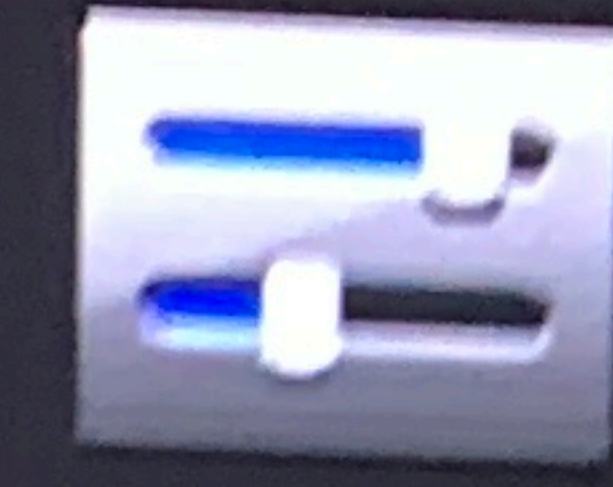
Record Setting



Hard Drive



System



Maintenance



Record Setting



Export Recordings

Camera  All

1  2  3  4  5  6  7  8

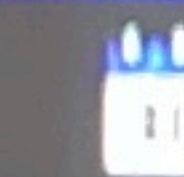
Record Mode

Continuous

Motion

Search Time

10/05/2022



00 :00 - 23 :59

Search

ID	Camera	Mode	Begin Time	End Time	Duration	Size	Select

< 1 /1 >

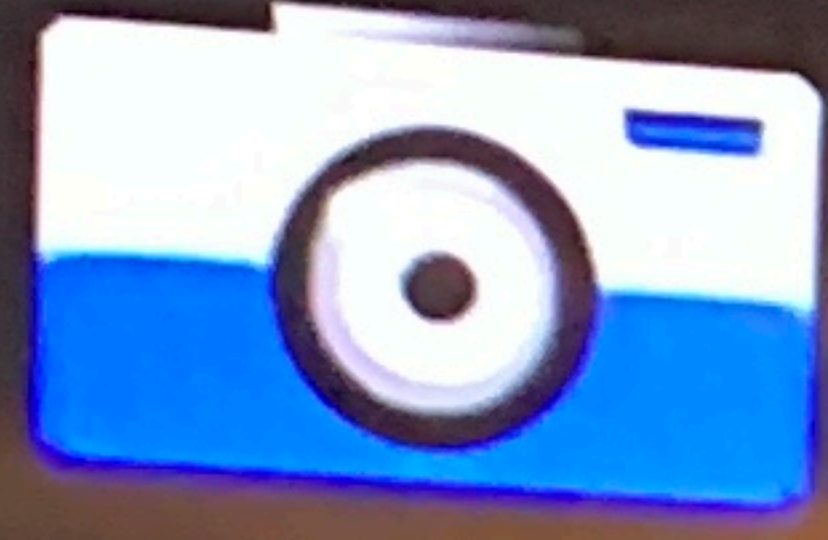
Backup

Cancel

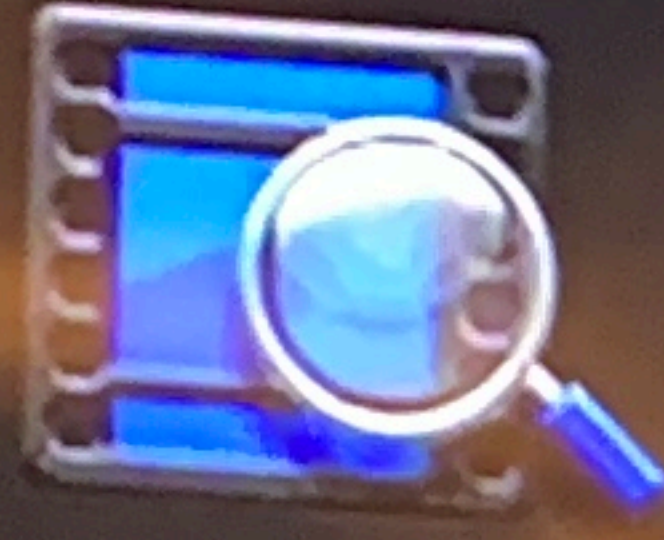




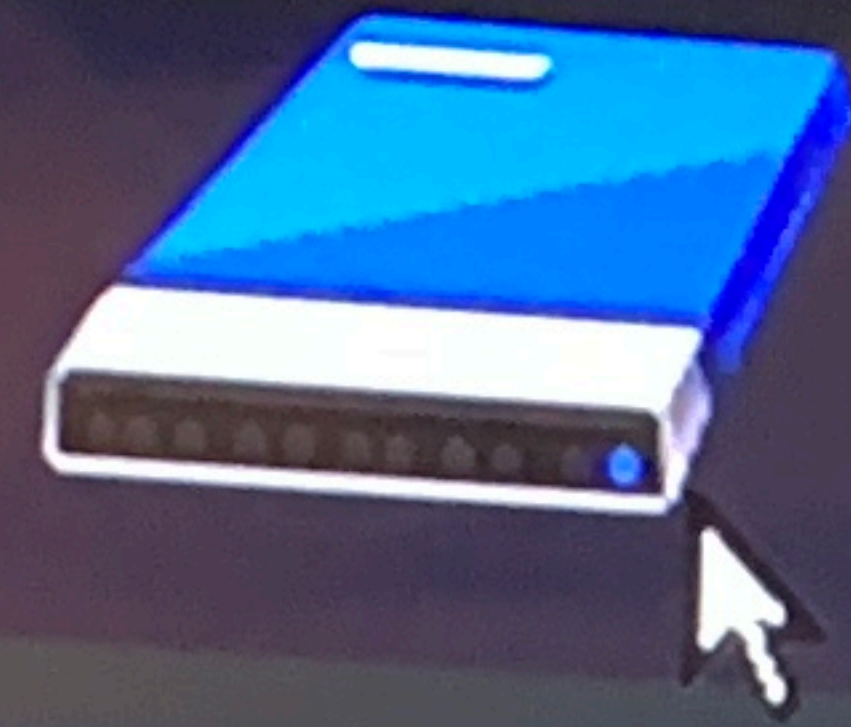
General



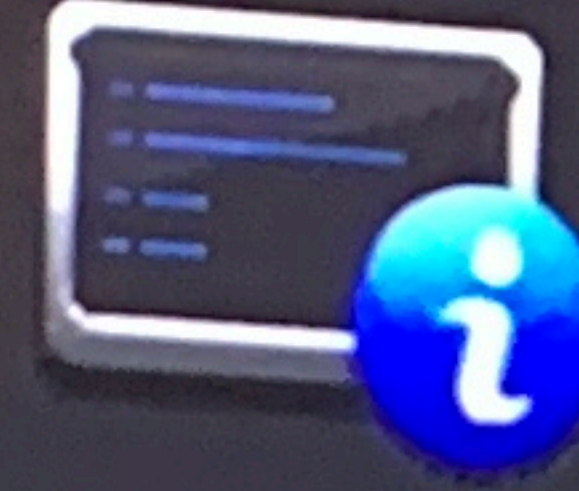
Camera



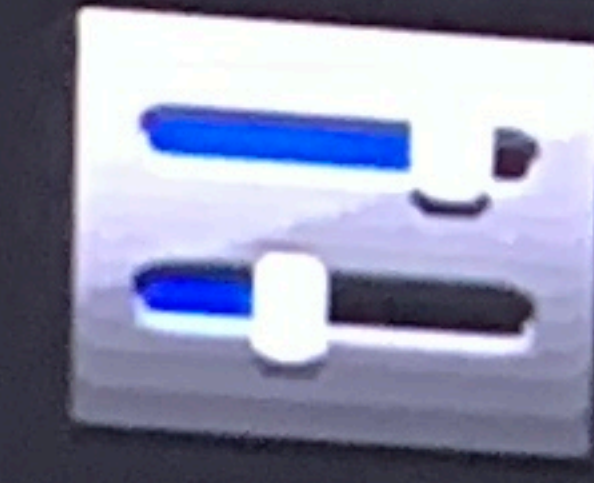
Record Setting



Hard Drive



System



Maintenance



Hard Drive

ID	Model	Capacity	Used	Status	Format
1	TOSHIBA DT01ABA1	931 GB	924 GB	Formatted	<input type="checkbox"/>

Overwrite

Total Size      931 GB

Used Size        924 GB      99.2%

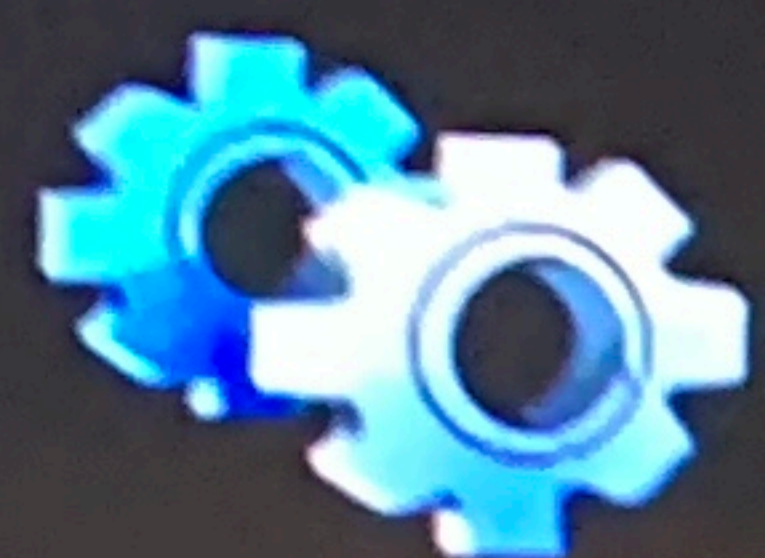
Free Size        7 GB        0.8%

Format

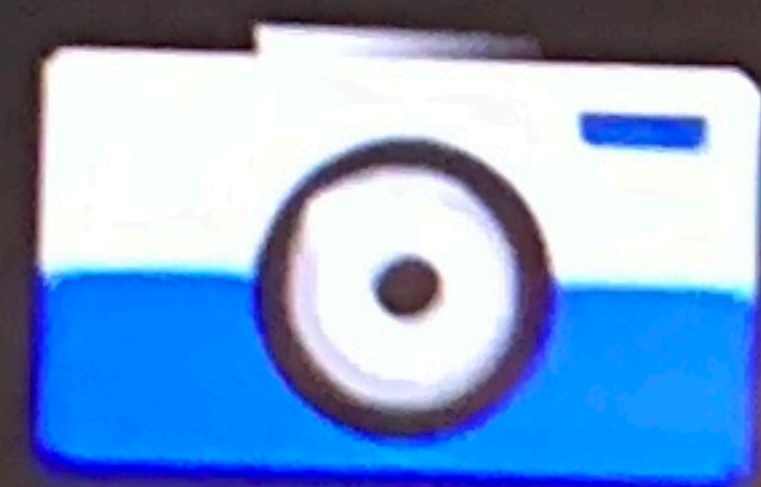
Apply

Cancel

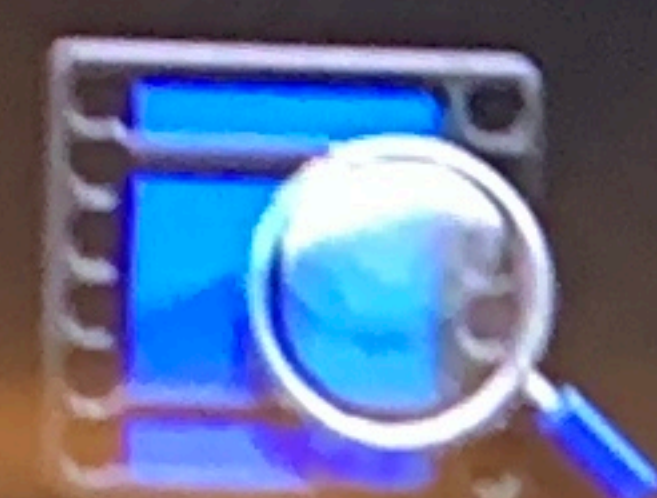




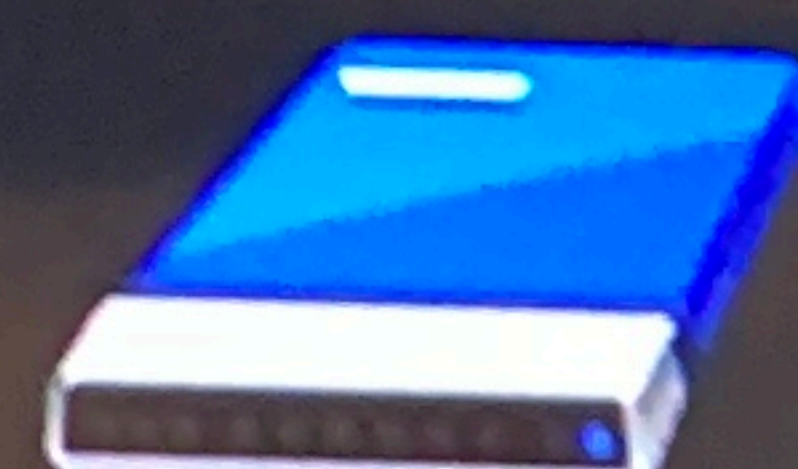
General



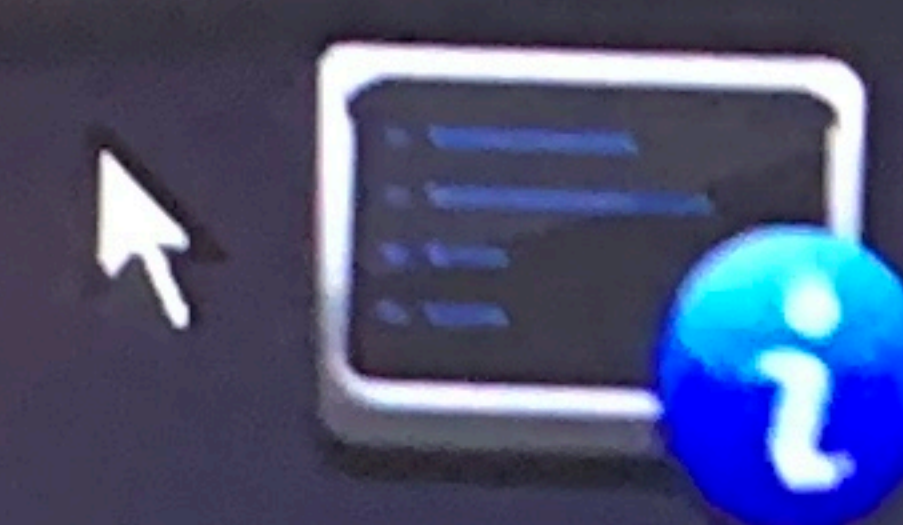
Camera



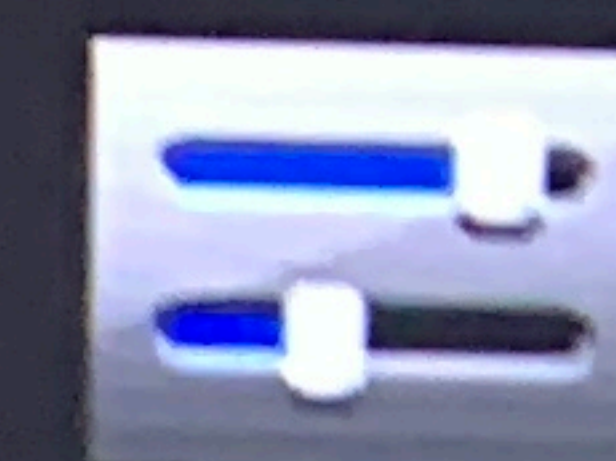
Record Setting



Hard Drive



System



Maintenance

System Setting

WiFi Setup

User Management

Device Info

Log

Camera Speed

Language

English

VGA/HDMI Resolution

1080p@60Hz

Auto Logout

Enable

Slide Show Interval

5 seconds

Menu Transparency



Startup Wizard

Enable

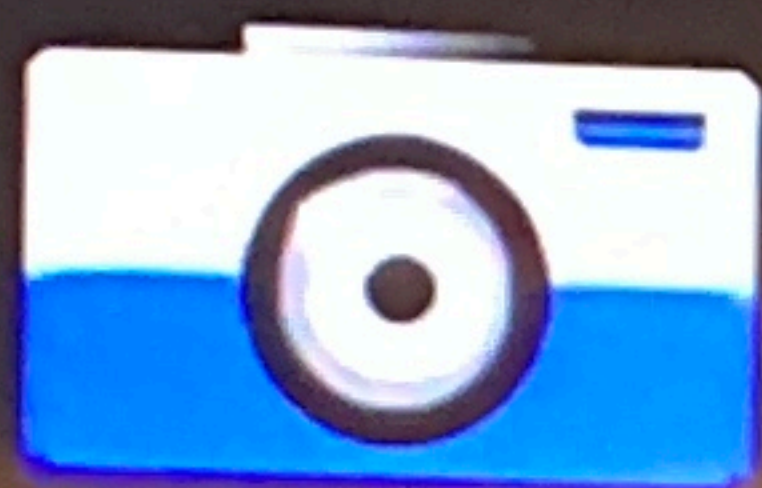
Apply

Cancel

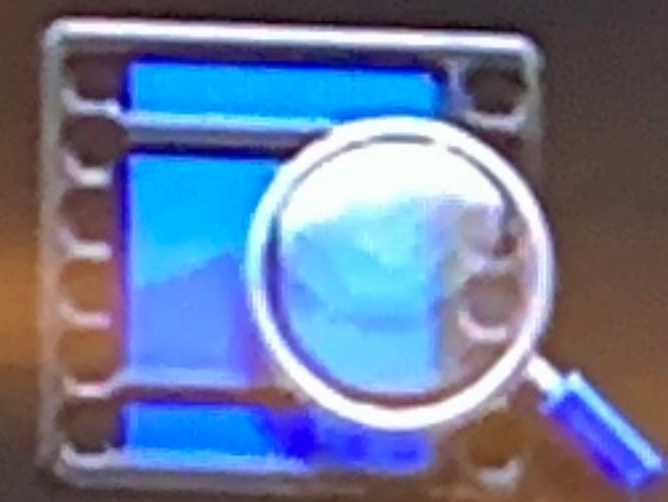




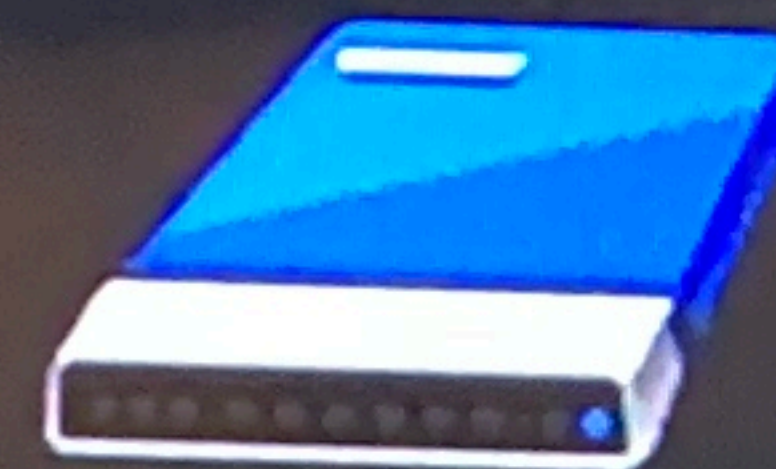
General



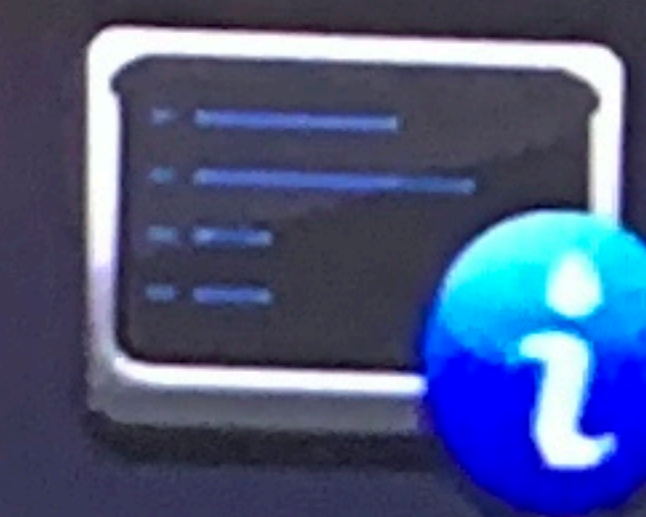
Camera



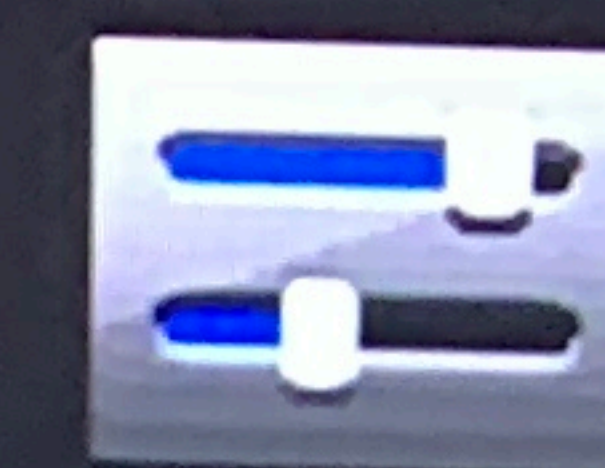
Record Setting



Hard Drive



System



Maintenance

System Setting

WiFi Setup

User Management

Device Info

Log

Camera Speed

ESSID NVR542b572c481b

WiFi Channel 11

Auto Adapt Channel

Connect Information

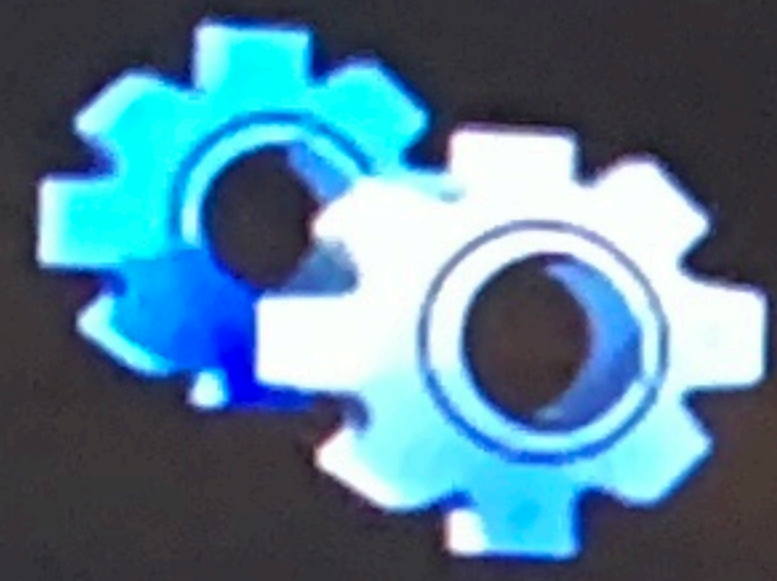
Camera	MAC Address	Rate
CH1	54:2b:57:2c:e6:38	40
CH2	54:2b:57:28:e3:2b	34
CH3	54:2b:57:2c:c5:11	--
CH4	54:2b:57:28:e0:93	--

Update

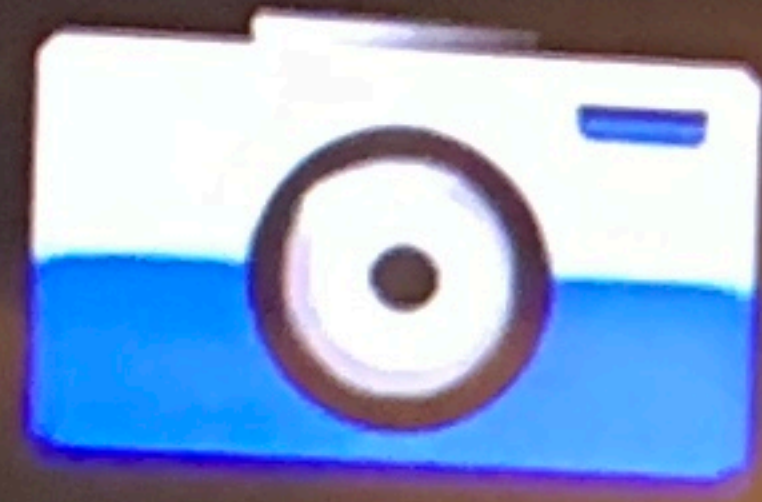
Apply

Cancel





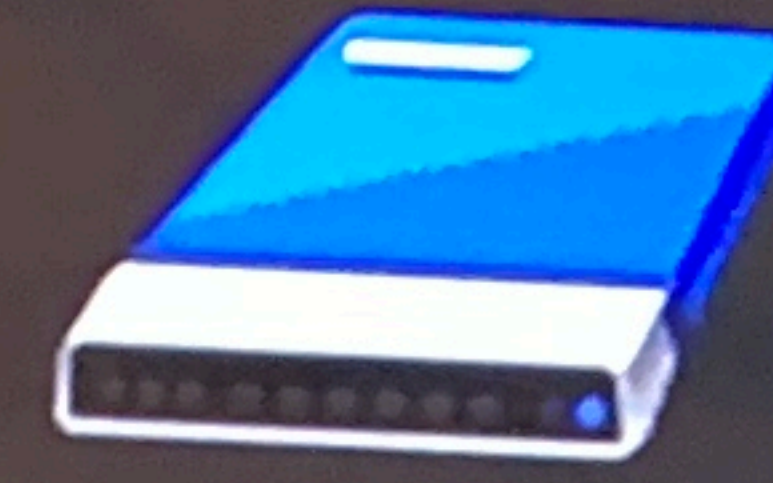
General



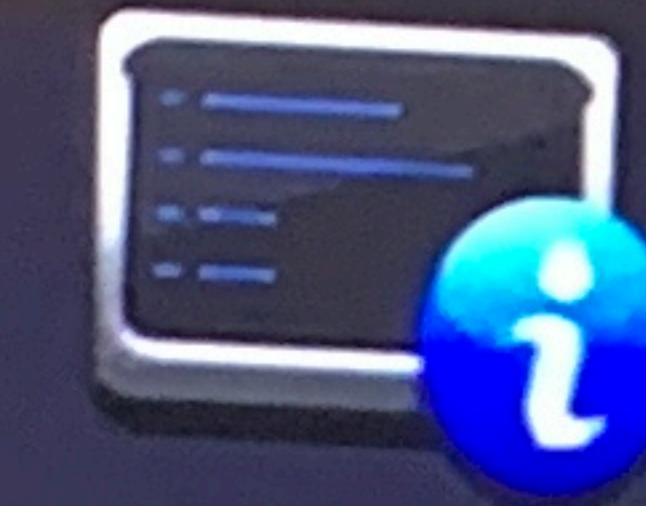
Camera



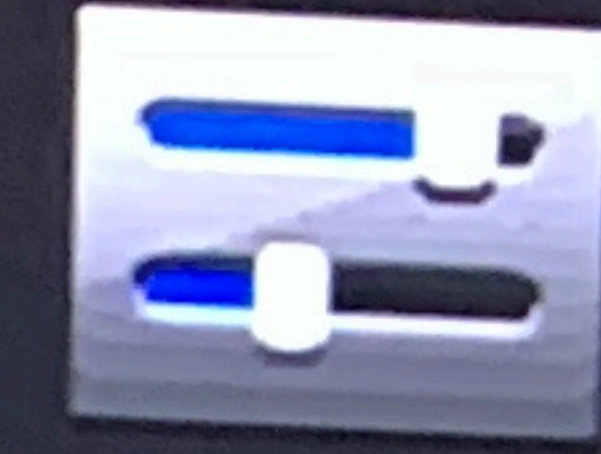
Record Setting



Hard Drive



System



Maintenance



System Setting



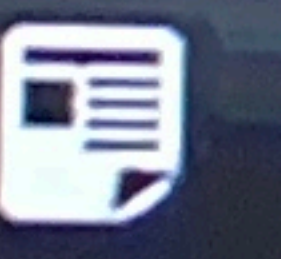
WiFi Setup



User Manager



Device Info



Log



Camera Speed

ID	UserName	Super user
1	admin	Yes
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

Set Password

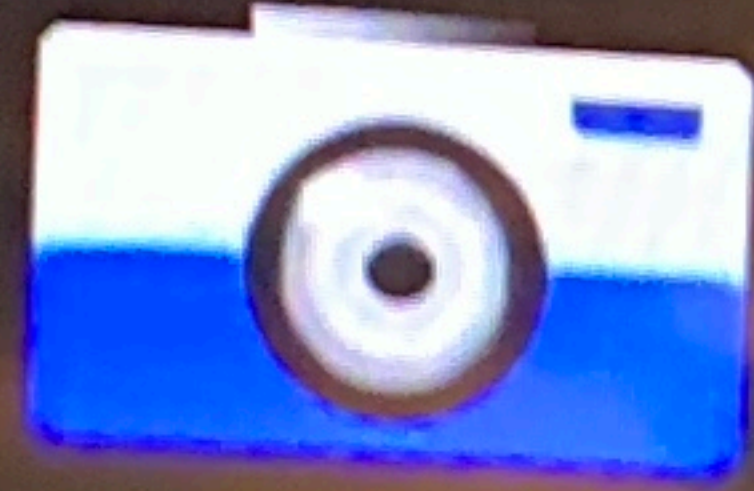
Apply

Cancel





General



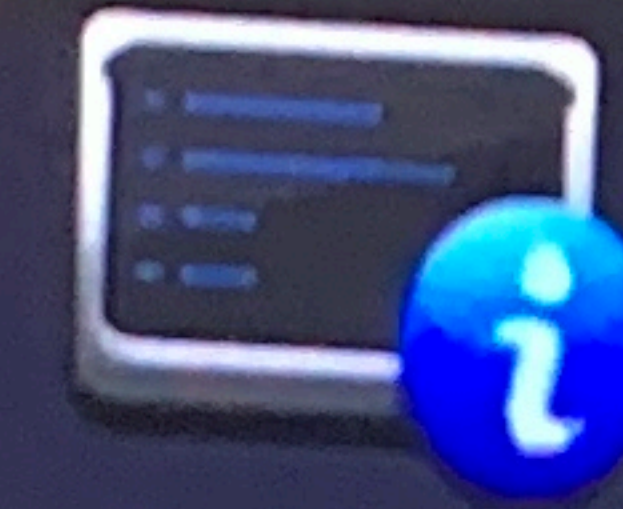
Camera



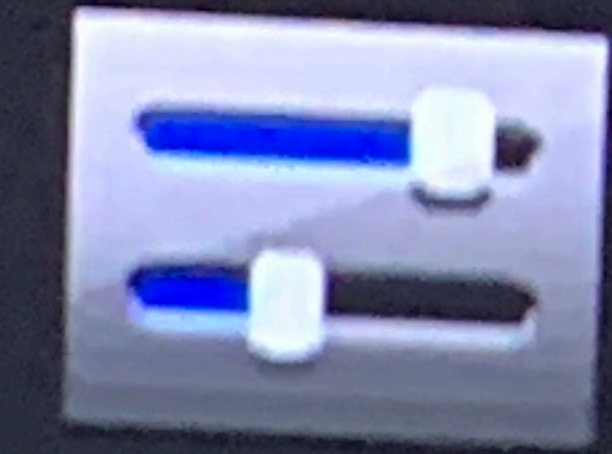
Record Setting



Hard Drive



System



Maintenance

System Setting

WiFi Setup

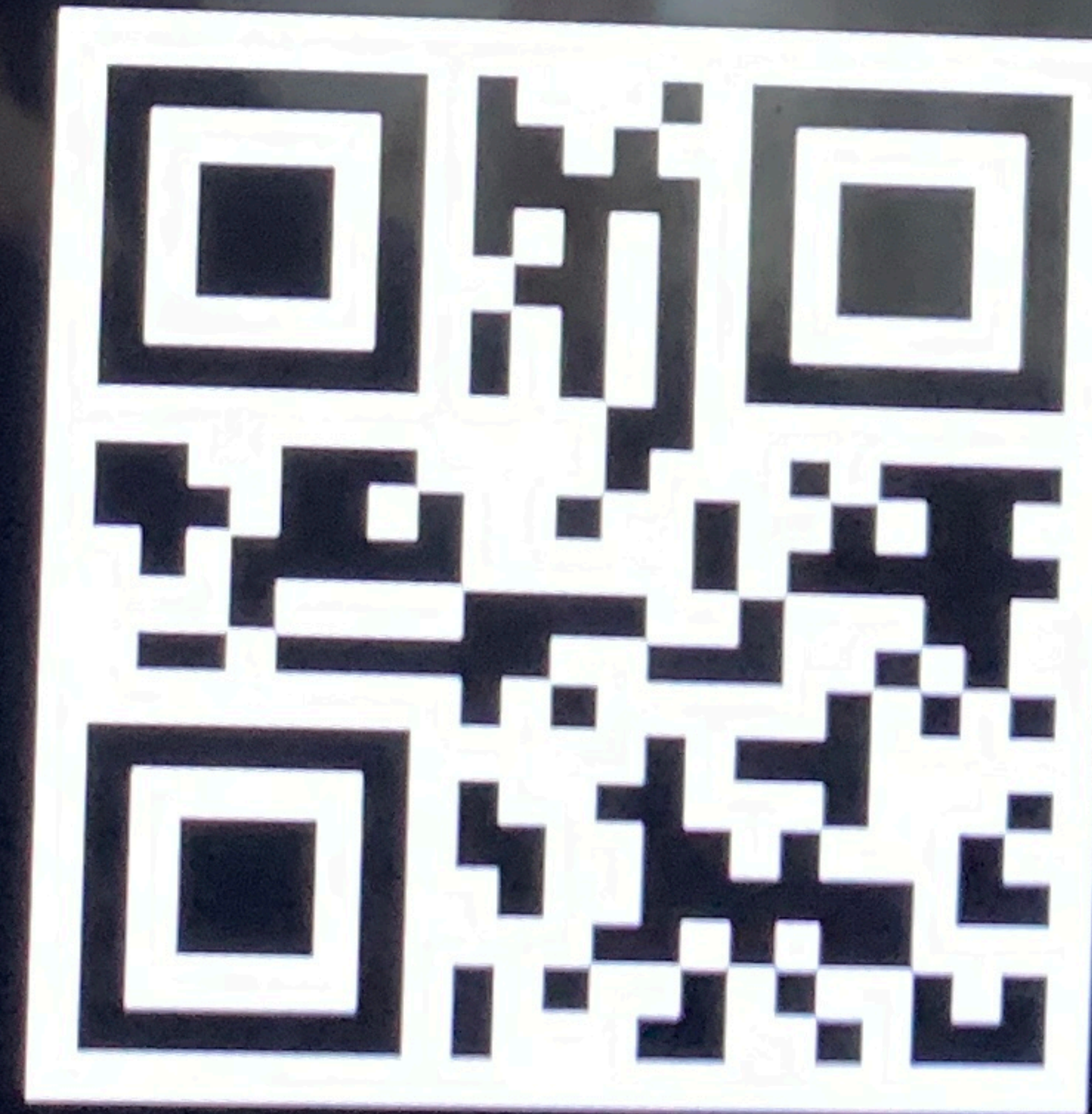
User Management

Device Info

Log

Camera Speed

Device Name	WNVR-C20-81
Device Model	WNVR-C20-81
UID	998GWJ7JTA7HK4R4111A
H/W ID	9013160200
S/W Version	WNVR-C20-81_20190817
Built Time	2019-08-17 13:33:47
Support Web	<a href="http://www.nightowlsp.com">www.nightowlsp.com</a>



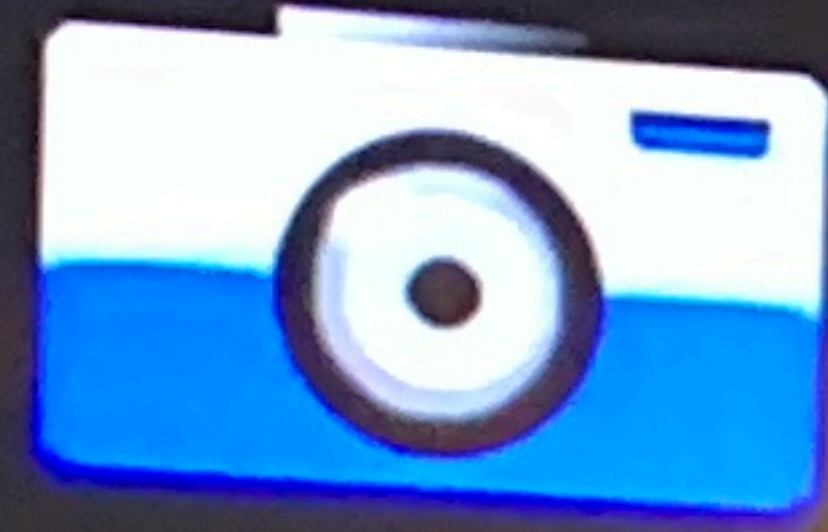
UID

Cancel

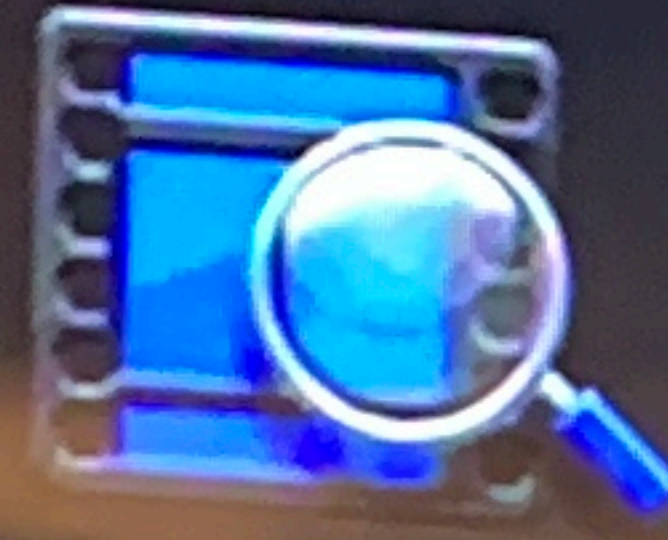




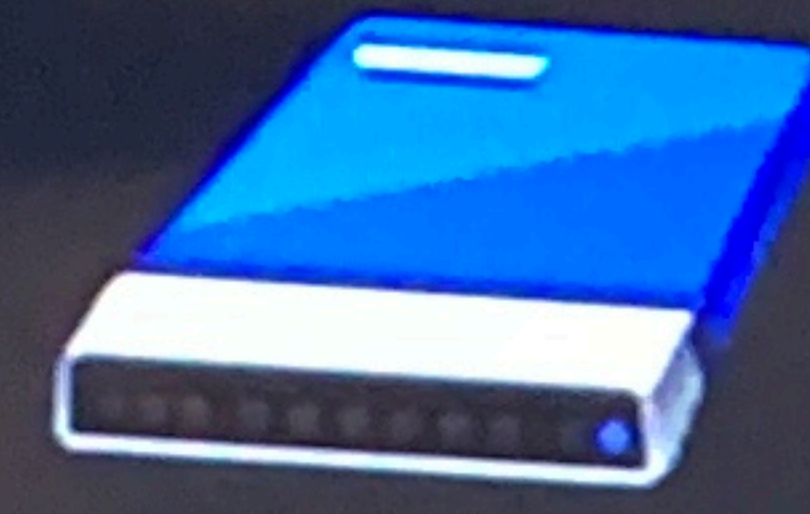
General



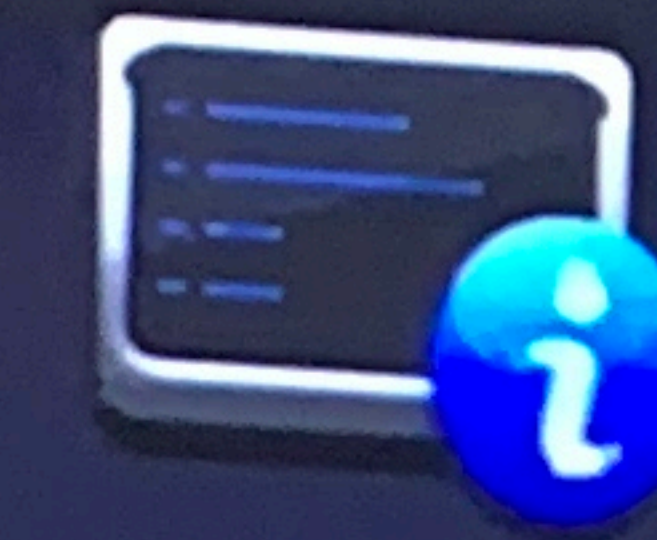
Camera



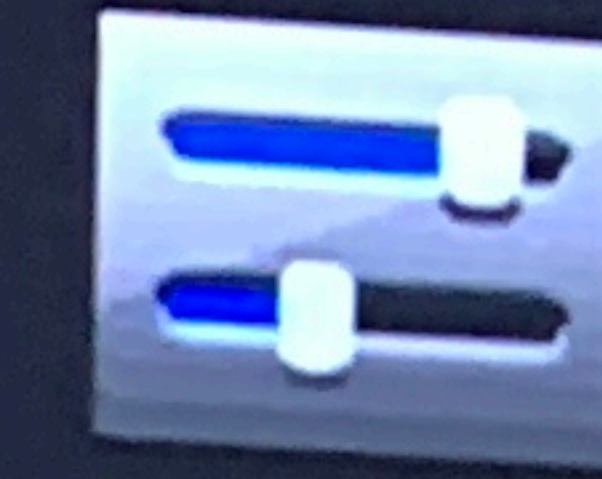
Record Setting



Hard Drive



System



Maintenance

System Setting

WiFi Setup

User Management

Device Info

Log

Camera Speed

Event Type

All

From Time

10/05/2022

00 :00 :00

Till Time

10/05/2022

23 :59 :59

Search

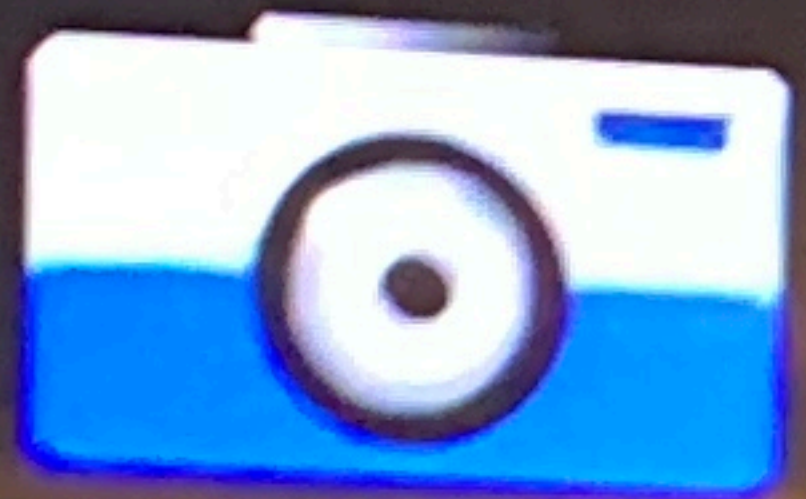
Time	Event Type	Event Description

Cancel

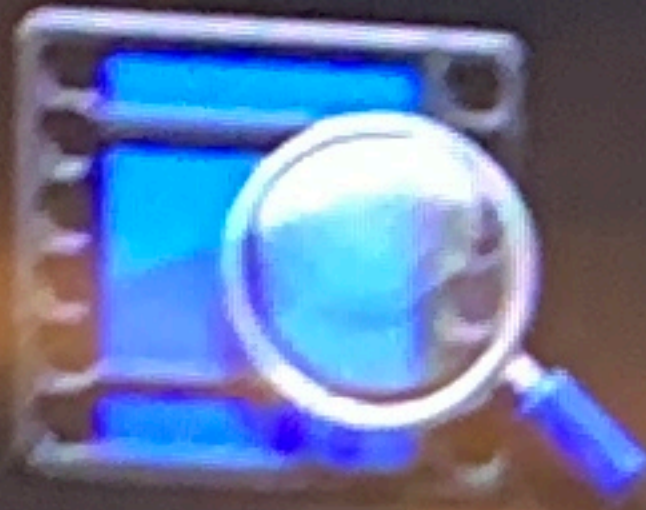




General



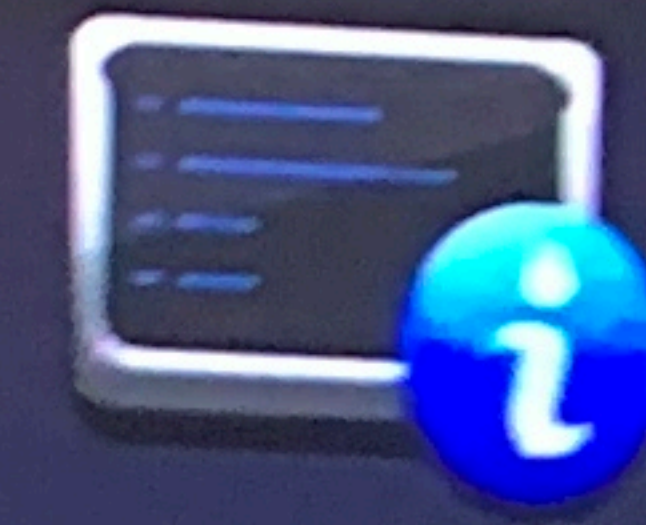
Camera



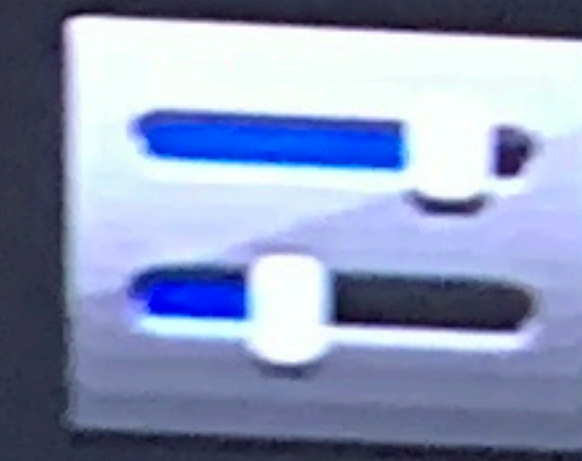
Record Setting



Hard Drive



System



Maintenance

System Setting

WiFi Setup

User Management

Device Info

Log

Camera Speed

Camera	Kb/s	MB/H
1	910	259
2	1163	331
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0

Total: 2073 Kb/s 590 MB/H

Cancel

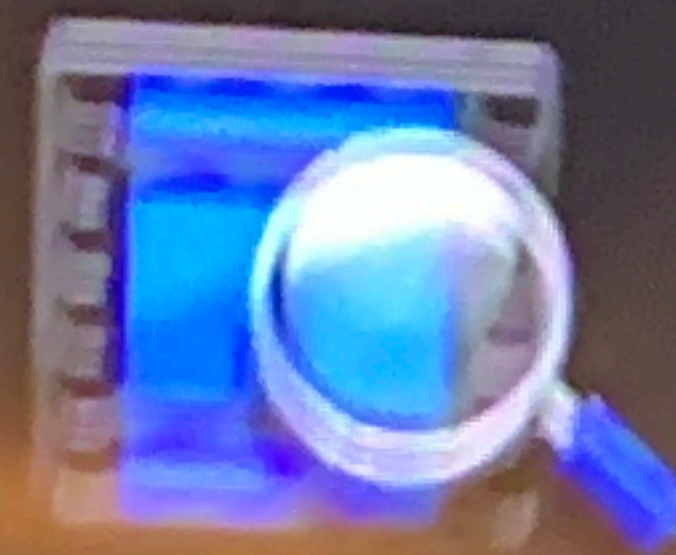




General



Camera



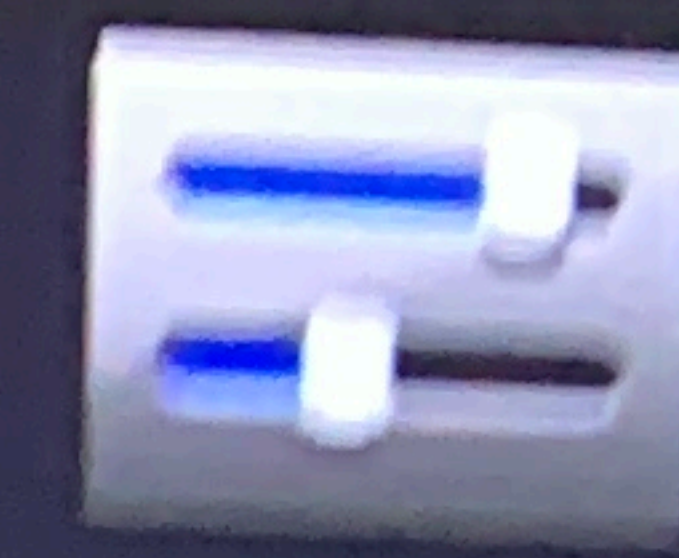
Record Setting



Hard Drive



System



Maintenance

Sys Maintenance

Firmware Update

Factory Default

Auto reboot

EveryWeek

03 :00 :00

Schedule

Sunday  Monday  Tuesday  Wednesday

Thursday  Friday  Saturday

Next Maintenance

10/09/2022 03:00:00

Reboot

Apply

Cancel



General


Camera


Record Setting


Hard Drive

System

Maintenance

 Sys Maintenance

 Firmware Update

 Factory Default

Local Upgrade

Online Upgrade

*It's the Latest Version.*

*During device upgrade, please keep the device powered on!*

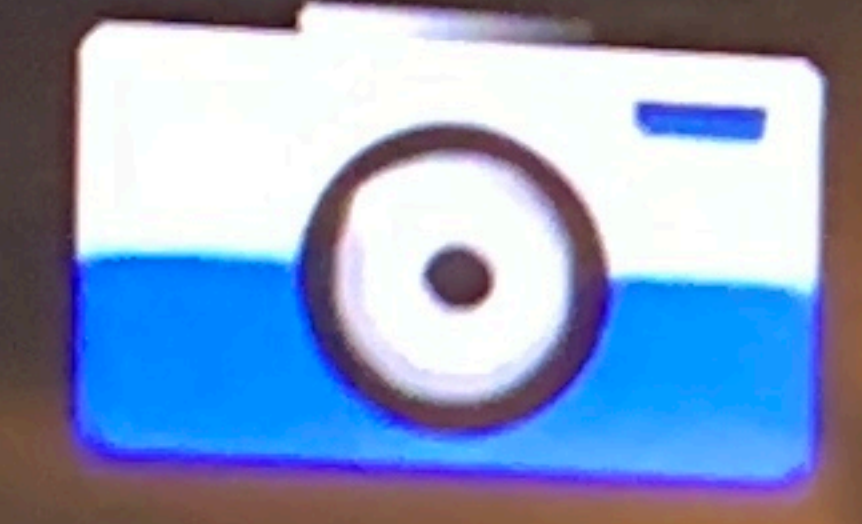
Apply

Cancel

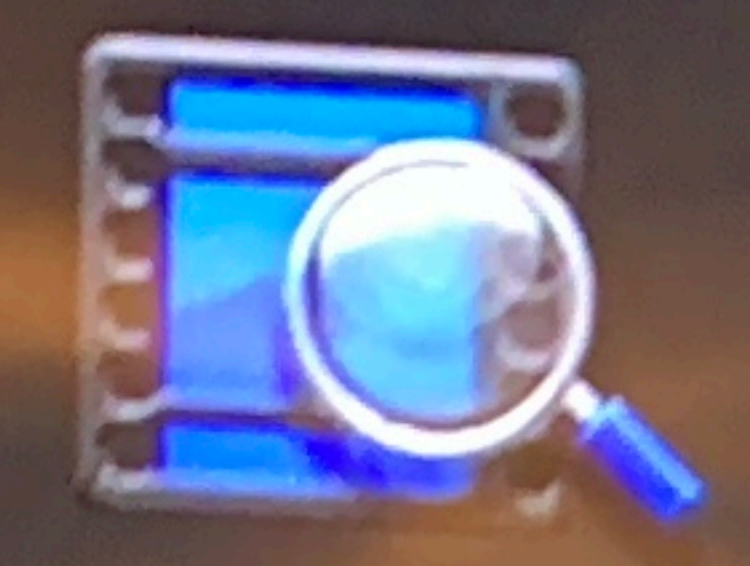




General



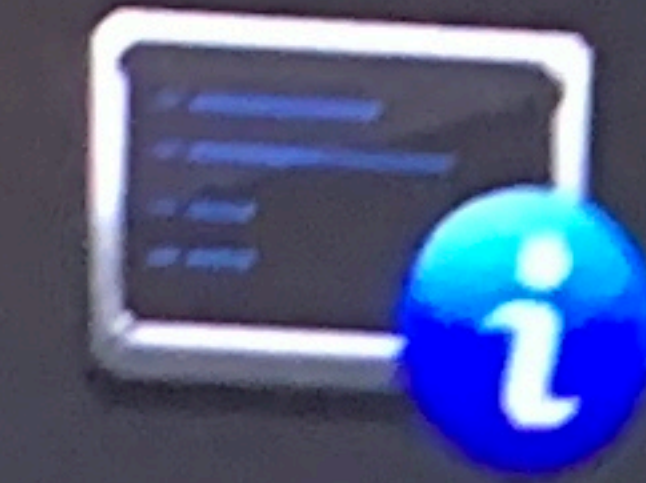
Camera



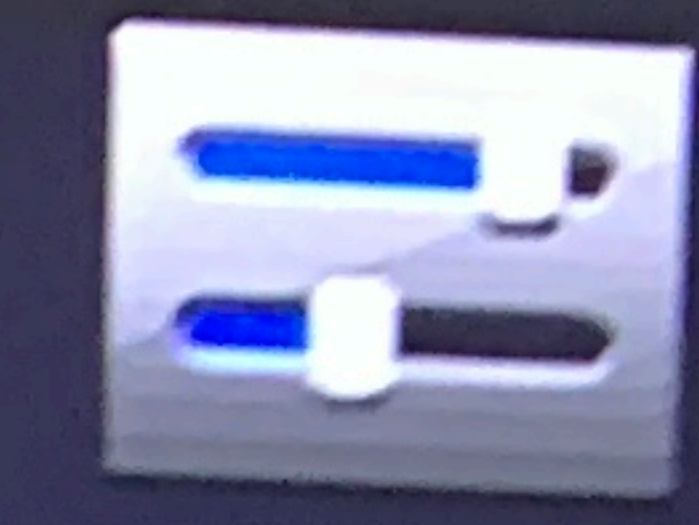
Record Setting



Hard Drive



System



Maintenance

✓ Sys Maintenance

✓ Firmware Update

✗ Factory Default

Simple Restore

Retention (network,user) configuration

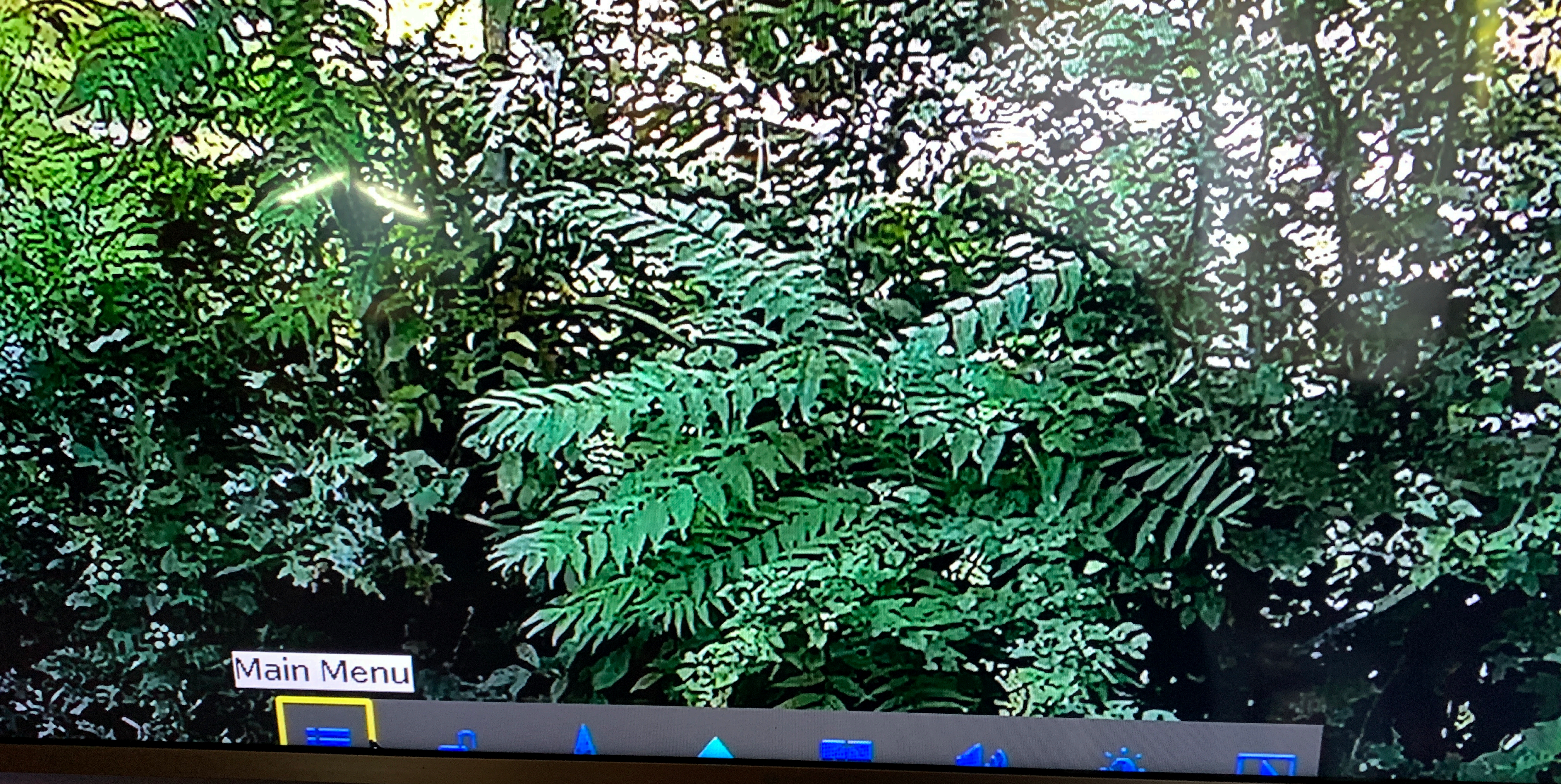
Restore All

Restore all configuration.

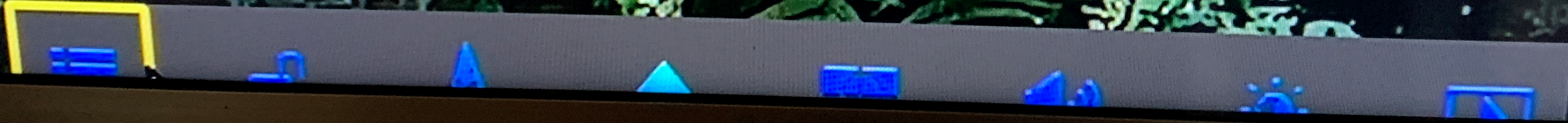
Apply

Cancel





Main Menu





System Logout

