

# Advantech AE Technical Share Document

<b>Date</b>	02/16 /2023	<b>Release Ver.</b>	V1.0
<b>Category</b>	<input type="checkbox"/> FAQ <input checked="" type="checkbox"/> SOP	<b>Release Note</b>	<input type="checkbox"/> Internal <input checked="" type="checkbox"/> External
<b>Related OS</b>	None		
<b>Abstract</b>	BMC Quick Start guide		
<b>Keyword</b>	BMC		
<b>Related Product</b>	AIR-500D,ARK-7060		

- **Description:** This is a quick start guide for BMC function.

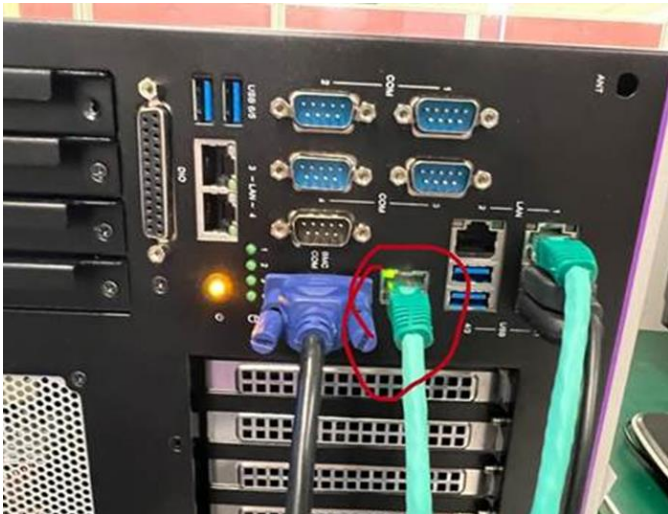
■ **Analysis and Solution:**

# Contend

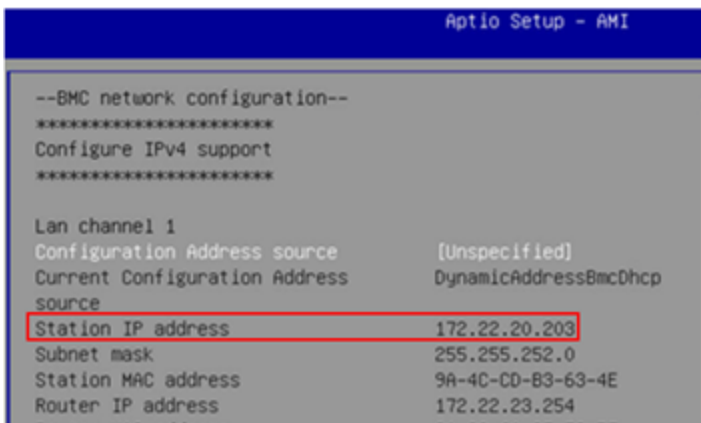
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# Setup connection to BMC server

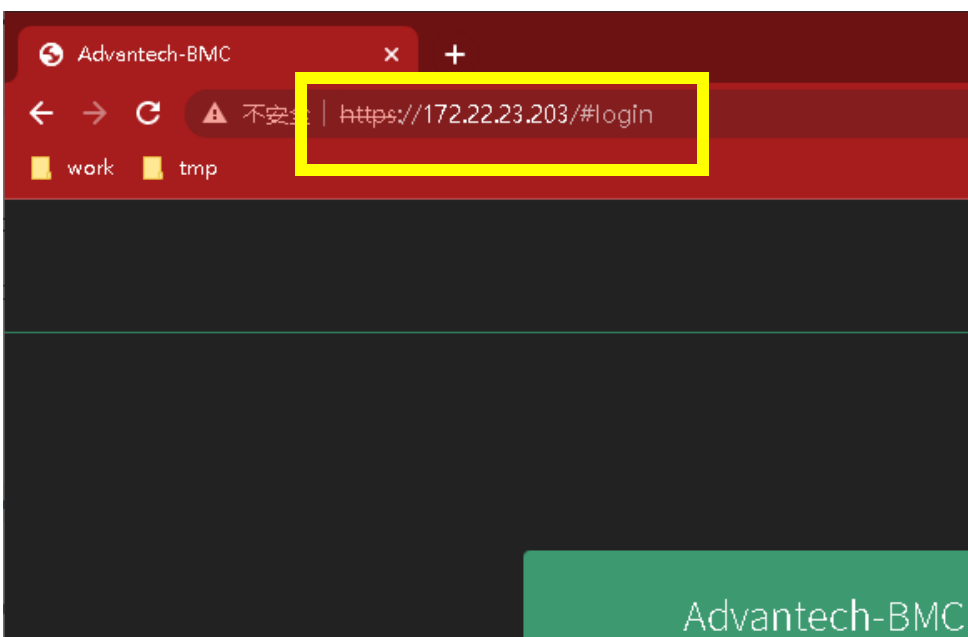
1. First connect RJ45 to BMC LAN Port.



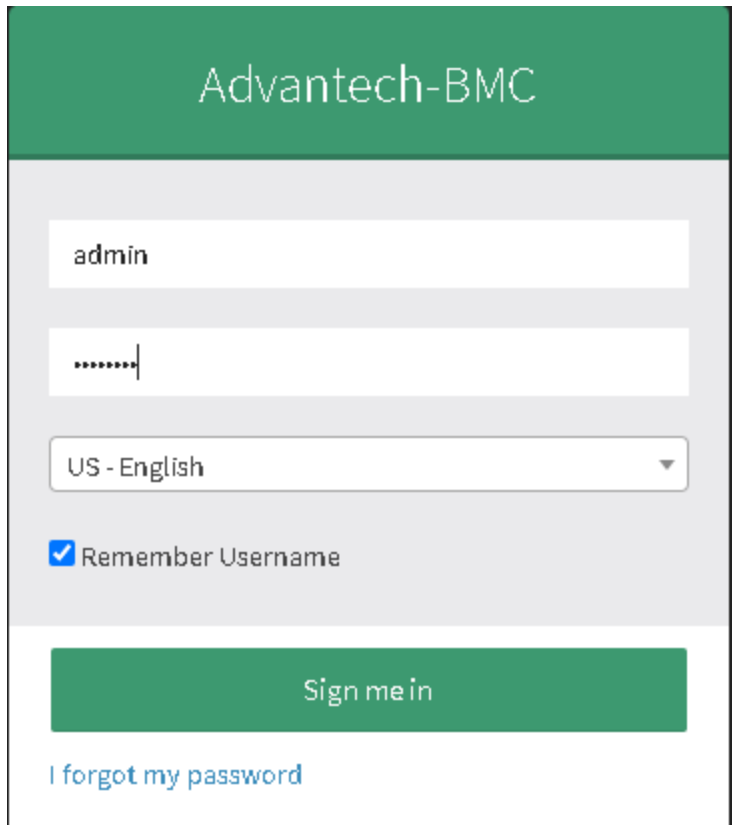
2. Check BIOS→Server Mgmt→BMC network configuration→Station IP address.



3. On other device, open the web-browser to visit BMC(e.g. <https://172.22.20.203>).



4. Login with account:**admin**, password:**admin** (The first time you log in, you will be asked to change your password.)



Advantech-BMC

admin

\*\*\*\*\*

US - English

Remember Username

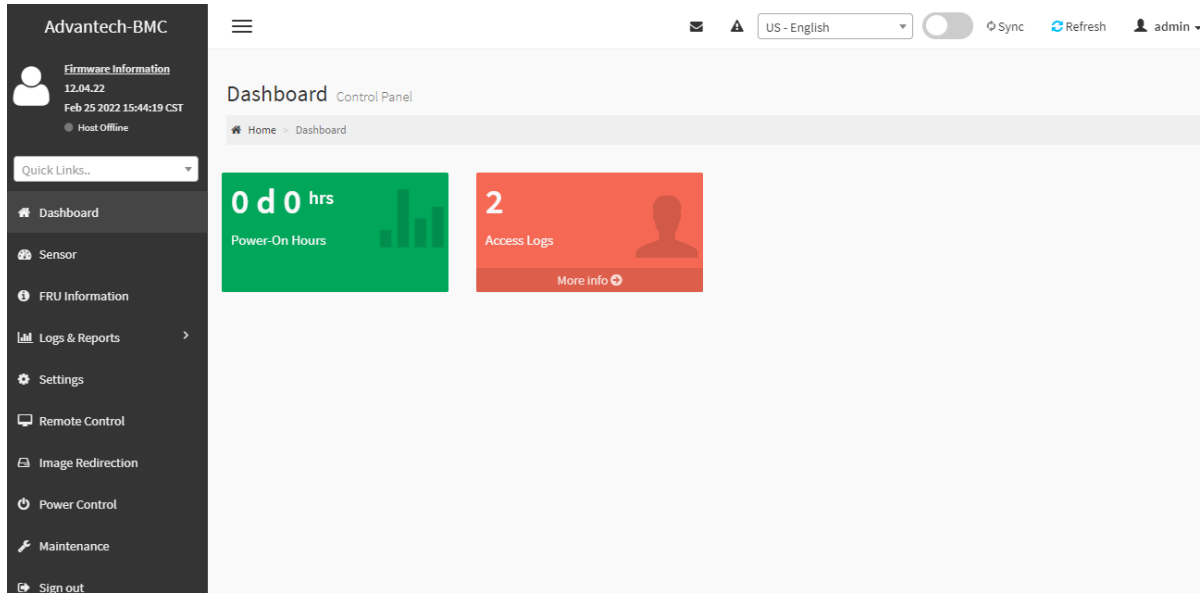
Sign me in

[I forgot my password](#)

# BMC function introduction

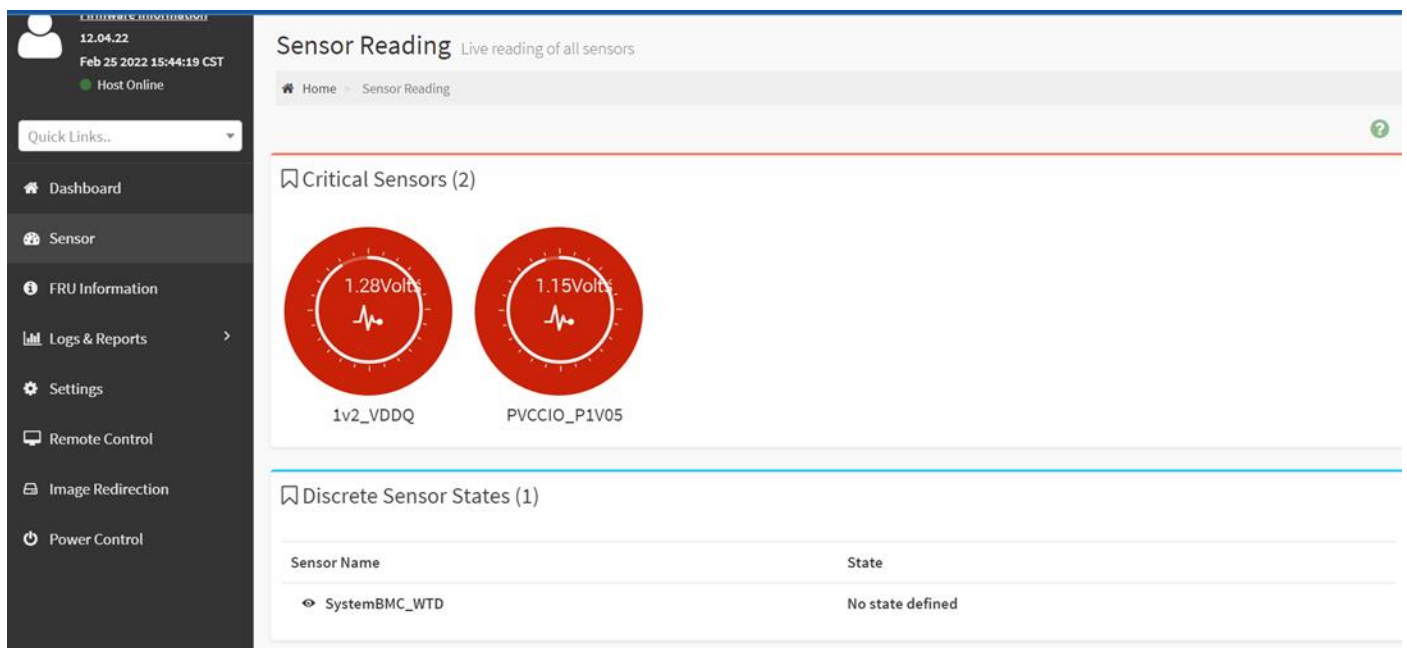
## Dashboard :

Show boot time and more.



## Sensor :

Read voltage 、 temperature or fan info.



Normal Sensors (10)

Sensor Name	Reading	Behavior
↔ 12V	12 Volts	
↔ 3V3	3.27 Volts	
↔ 3V3SB	3.37 Volts	
↔ 5V	5.04 Volts	
↔ 5VSB	5.04 Volts	
↕ CPU_FAN_TACHO	750 Rpm	
↓ CPU_TEMP	27 °C	
↓ SYS_TEMP	22 °C	

## FRU Information :

Show your device FRU Information.

Host Offline

Quick Links..

- Dashboard
- Sensor
- FRU Information**
- Logs & Reports
- Settings
- Remote Control
- Image Redirection
- Power Control
- Maintenance
- Sign out

Home > FRU

Available FRU Devices

FRU Device ID: 0

FRU Device Name: Board FRU

### Chassis Information

Chassis Information Area: 1

Format Version

Chassis Type: Main Server Chassis

Chassis Part Number

Chassis Serial Number

### Board Information

Board Information Area: 1

Format Version

Language: English

Manufacture Date Time: Thu Jun 2 11:52:00 2022

Board Manufacturer: Advantech

Board Product Name: ADB-7060

Board Serial Number: AKS0202978

Board Part Number: 96967060000

### Product Information

Product Information Area: 1

Format Version

Language: English

Product Manufacturer: Advantech

Product Name: AIR-500D

Product Part Number: AIR500DU0A1-ES

Product Version: A101-2

Product Serial Number: KSA5652818

Asset Tag

# Logs & Reports

## IPMI Event Log

**Event Log** All sensor event logs

Home > Event Log

Filter by Date: Start Date - End Date | Filter by type: All Events

All Sensors

UTC Offset: GMT + 8:0

Clear Event Logs

Event Log: 300 out of 735 event entries

January 2023

- ID: 664 Platform sensor of type chassis logged a transition to Running
- ID: 663 CPU\_TEMP sensor of type temperature logged a upper non recoverable going high
- ID: 662 CPU\_TEMP sensor of type temperature logged

## Audit Log :

Show login and login out logs.

**Audit Log** 5 out of 5 event entries

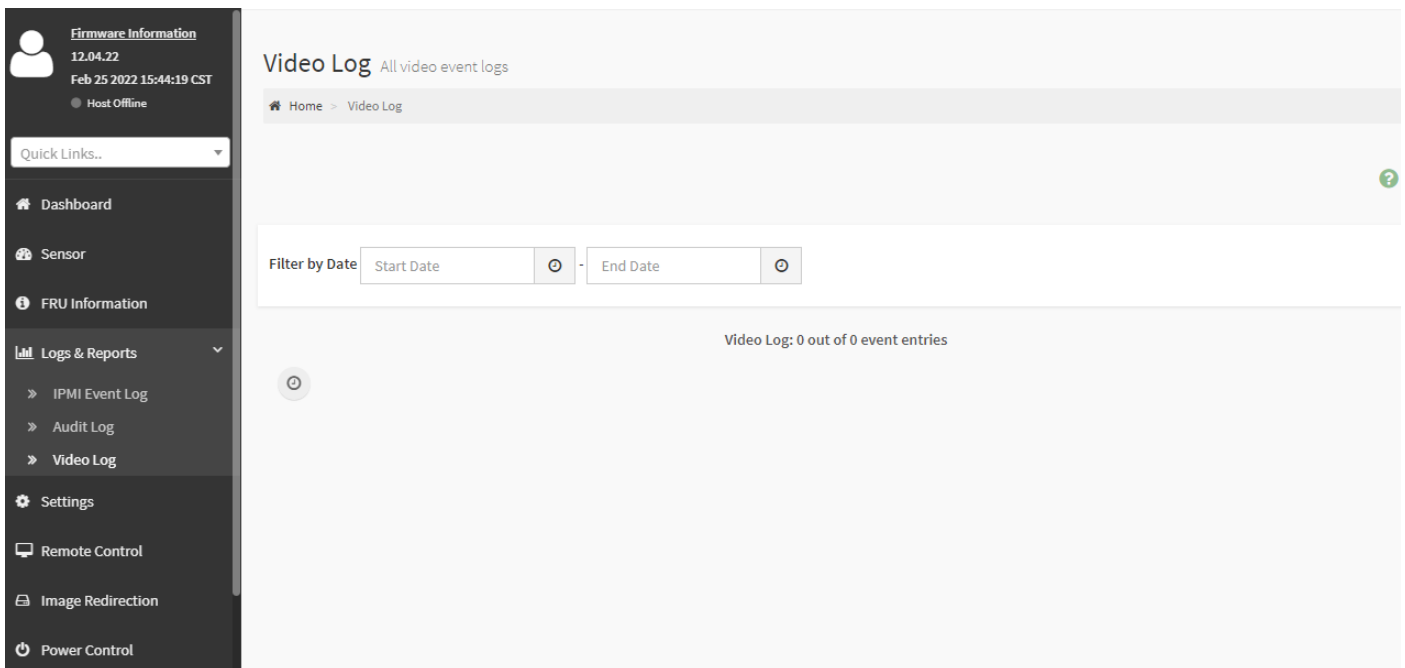
Filter by Date: Start Date - End Date

February 2023

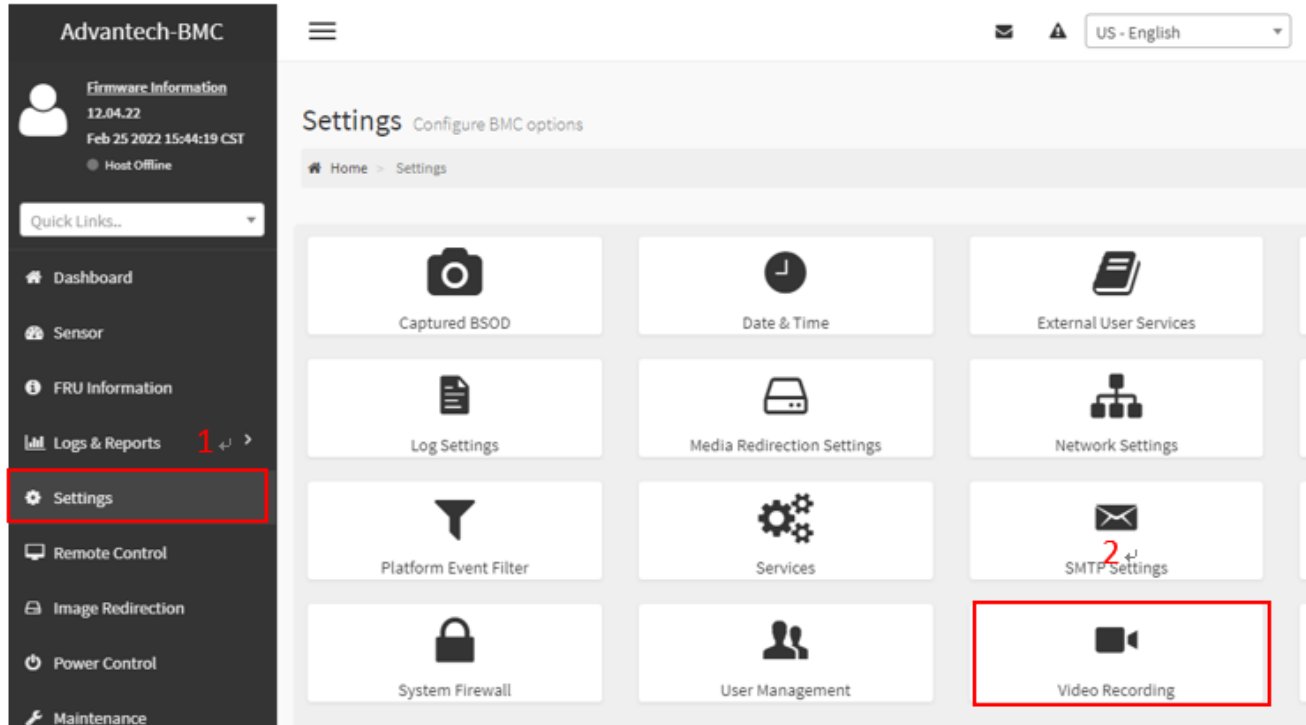
- ID: 5 February 1st 2023, 2:10:37 pm AMI9A4CCDB3634E spx\_restdservice: spx\_restdservice -- [1120 : 1120 INFO]https Login from IP:172.22.221.228 user:admin -
- ID: 4 February 1st 2023, 1:43:18 pm AMI9A4CCDB3634E spx\_restdservice: spx\_restdservice -- [1120 : 1120 INFO]https Login from IP:172.22.221.228 user:admin -
- ID: 3 February 1st 2023, 12:14:06 pm AMI9A4CCDB3634E spx\_restdservice: spx\_restdservice -- [1120 : 1120 INFO]HTTPS logout from IP:172.22.221.228 user:admin -
- ID: 2 February 1st 2023, 10:34:01 am AMI9A4CCDB3634E spx\_restdservice: spx\_restdservice -- [1120 : 1120 INFO]https Login from IP:172.22.221.228 user:admin -
- ID: 1 February 1st 2023, 10:32:55 am AMI9A4CCDB3634E spx\_restdservice: spx\_restdservice -- [1120 : 1120 INFO]https Login from IP:172.22.221.228 user:admin -

# Video Log :

1. Show Video you want to record.



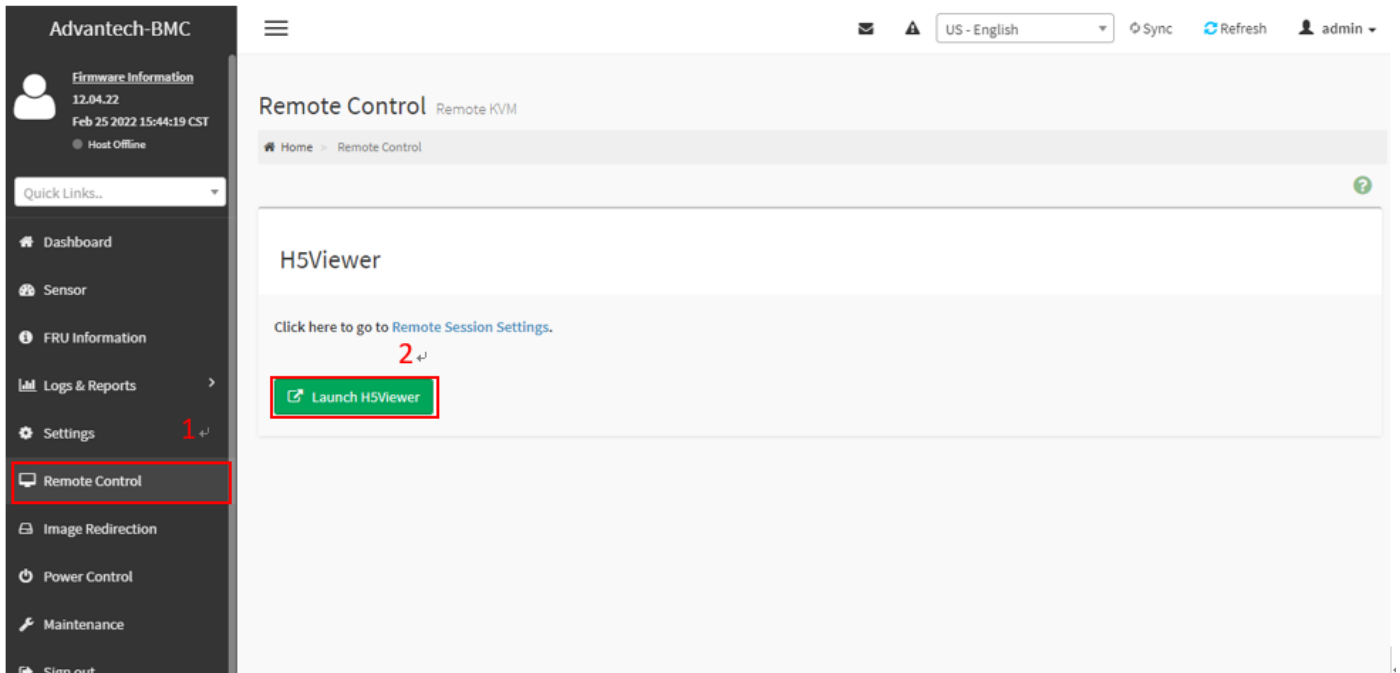
2. Video log can be set by Settings → Video Recording.



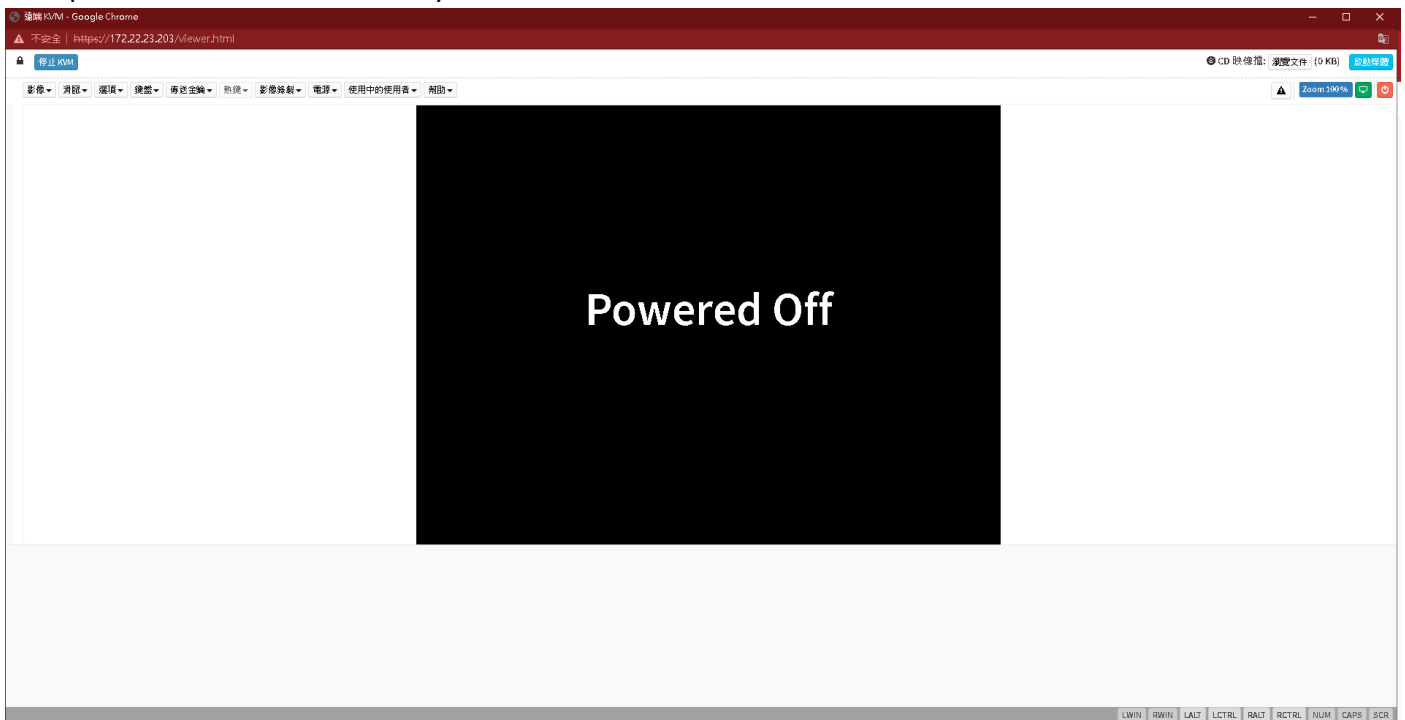


# KVM Remote Control :

1. Press Remote Control and Launch H5Viewer.



2. open KVM to remote control your device.

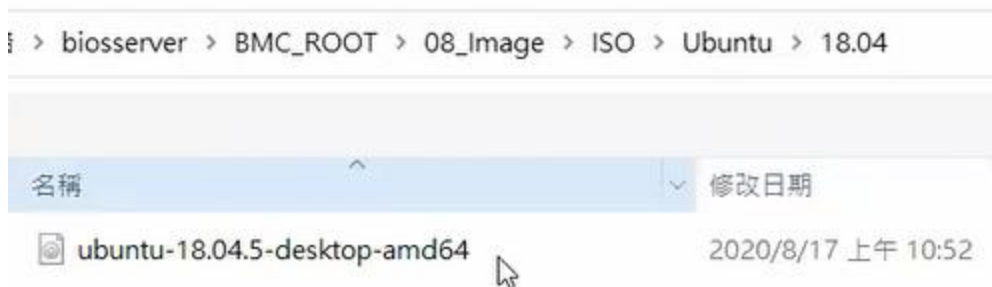


# Virtual media install :

1. First press choose file in KVM screen upper right corner



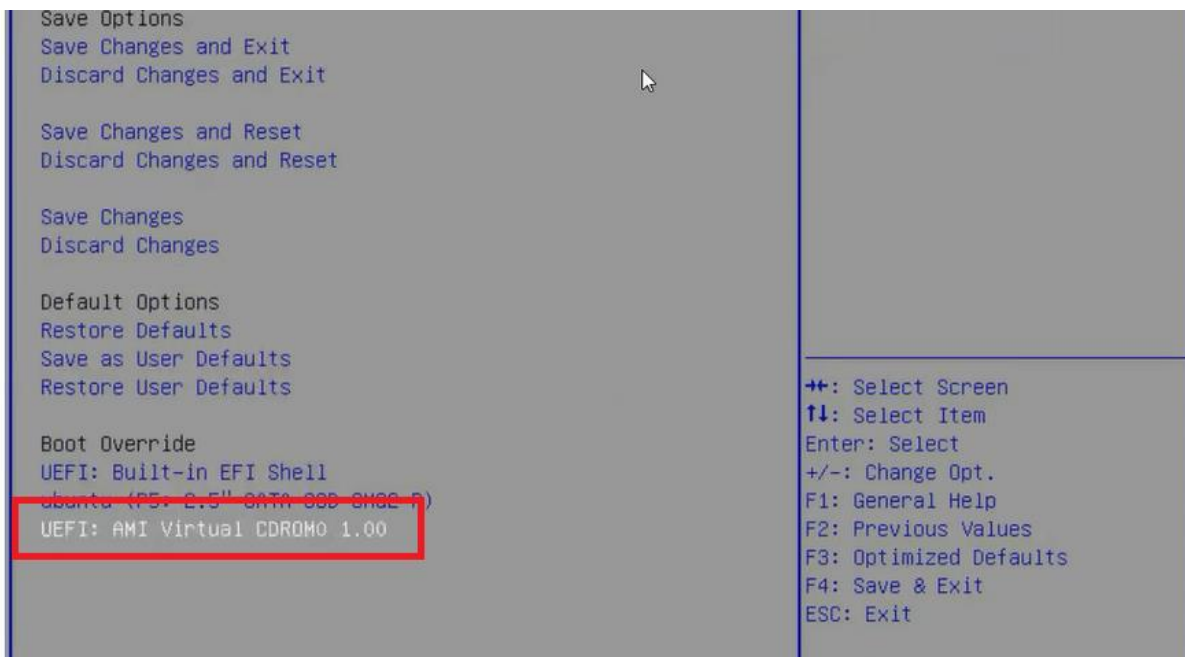
2. Choose image and Open.



3. When it done,check the check box,press Media Boost bottom and reboot.

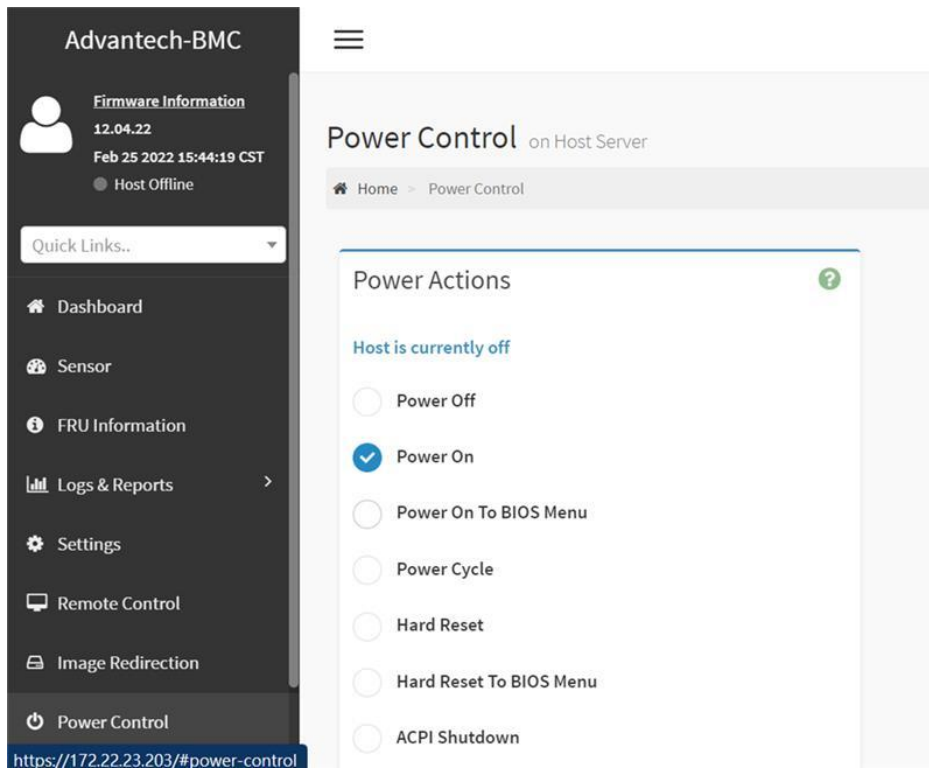


4. Enter BIOS→ Choose “UEFI:AMI Virtual CDROMO 1.00”,and start virtual media install.



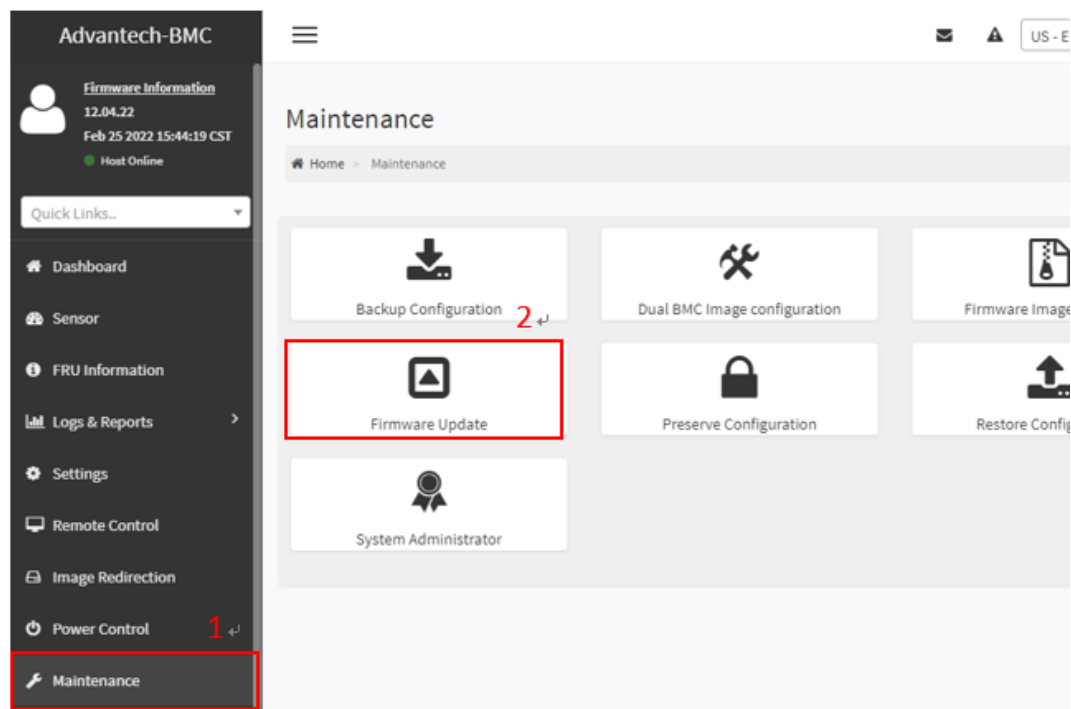
# Power control :

Choose Power action to control your device

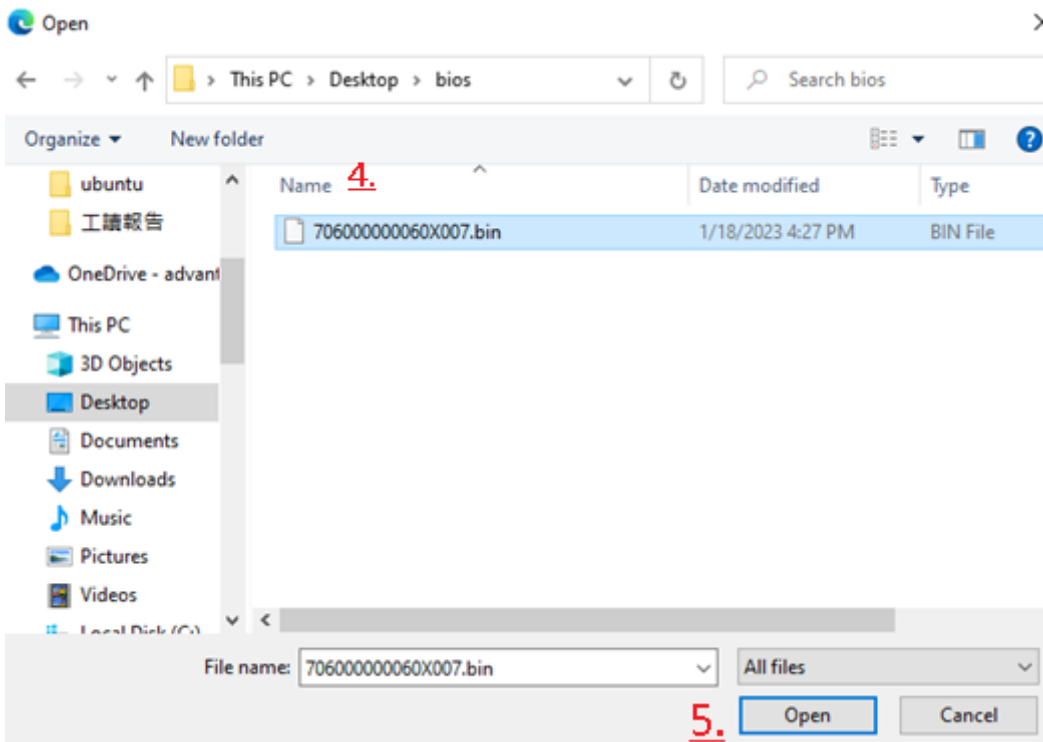
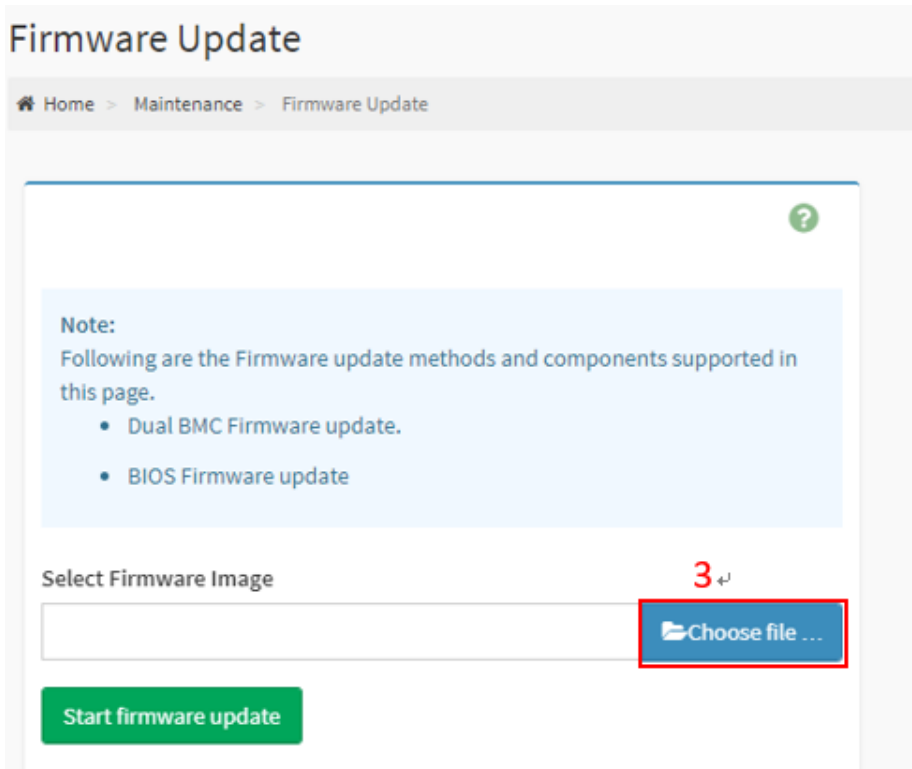


# BIOS 、BMC update :

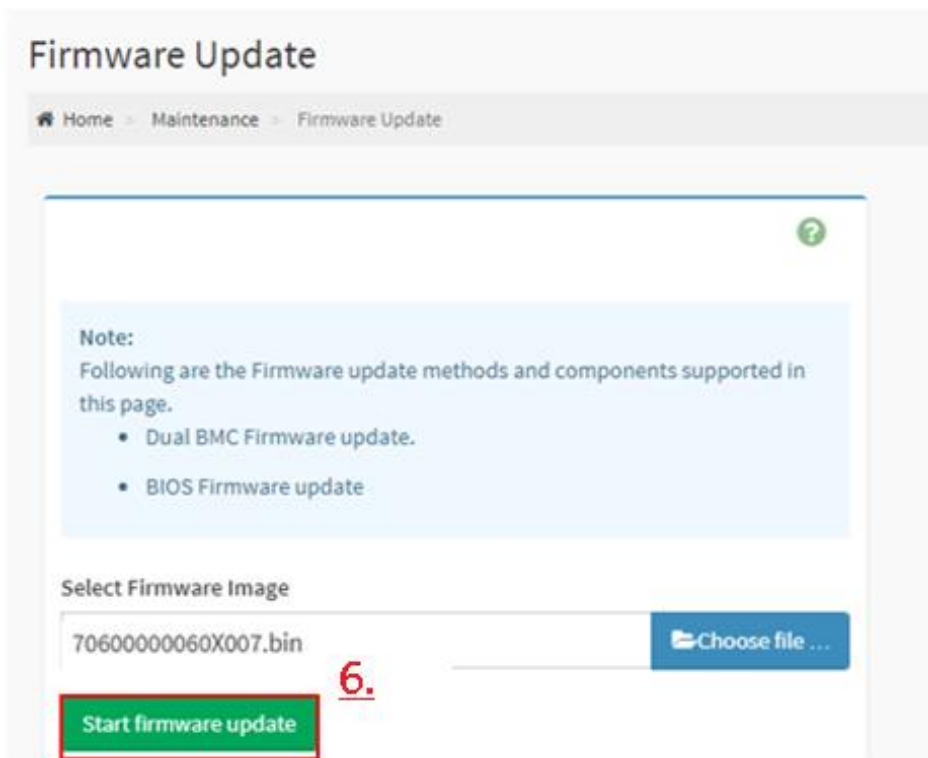
1. Press Maintenance → Firmware Update



2. Choose BIOS or BMC image file (need to end with .bin or .ima)



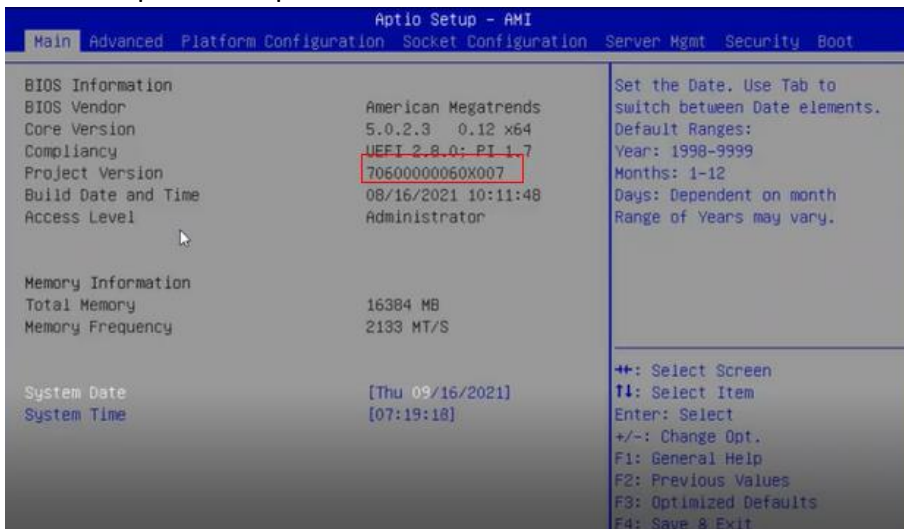
3. Press Start firmware update,



4. Press Proceed wait it done.



5. BIOS update completed.



■ **Reference:**