

**HDR - 731**

**HIGH DEFINITION RECORDING  
AND STREAMING CCU**

 **LIVE**

 **RECORD**



# Features

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- Support up to 4 HDMI/IP Camera Input, 2 HDMI output.
- Recording or online streaming 4 inputs and PGM separately at the same time.
- Customize your own PGM, putting picture/text, all in website control!
- Multi-functional, can be applied to different occasions (conference, education, etc.)

# Control Panel

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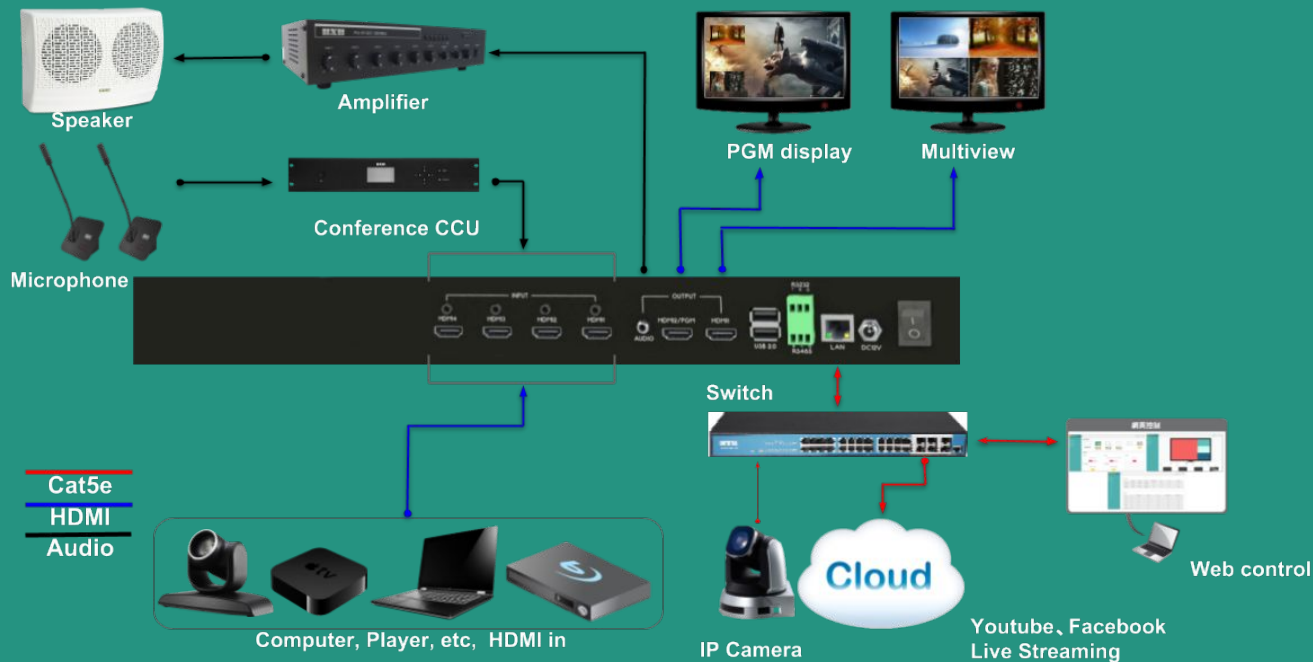
Start Recording

Start Live Streaming

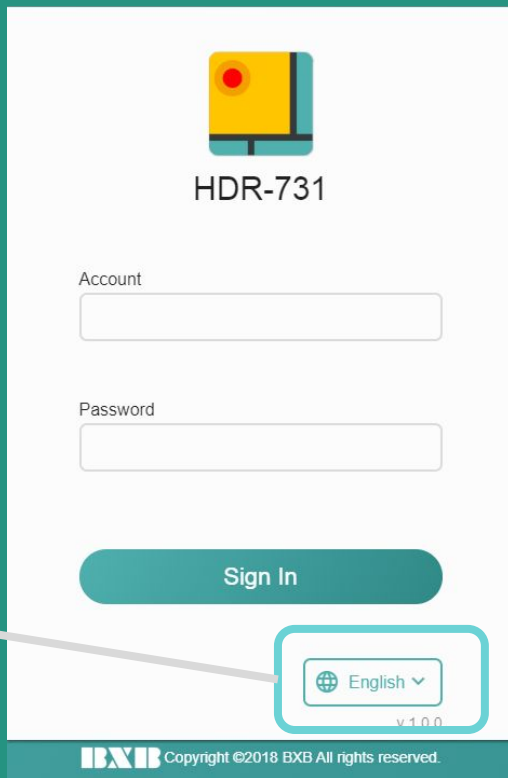
Changing Layout

# Diagram

HDR-731  
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# Web Control Interface - Log in



The image shows a login interface for the HDR-731 device. At the top center is a yellow and blue icon of a device with a red dot. Below the icon is the text "HDR-731". There are two input fields: "Account" and "Password". Below these fields is a teal "Sign In" button. At the bottom right, there is a language selection dropdown menu showing "English" with a globe icon and a downward arrow. Below the dropdown is the version number "v 1.0.0". At the very bottom, there is a footer with the BXB logo and the text "Copyright ©2018 BXB All rights reserved."

Language: Traditional/Simplified Chinese, Japanese, English

English

v 1.0.0

# Web Control Interface - Dashboard

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PGM Selection

Shortcut

The screenshot shows the HDR-731 Web Control Interface Dashboard. At the top, there is a header with 'HDR-731' on the left, 'English' with a dropdown arrow in the center, and a settings gear icon on the right. Below the header is the 'Dashboard' section, which contains six PGM Selection controls. Each control has a preview window and a set of four numbered buttons (1-4). The first four controls have different window layouts, while the fifth is a 2x2 grid. The sixth is a 'CUSTOM PGM' button with a directional pad icon. Below the PGM Selection section are two rows of controls. The first row is 'Record', with columns for 'Main' and 'Sub' and buttons for 'START' and 'STOP'. The second row is 'Streaming', with columns for 'Main' and 'Sub' and buttons for 'START' and 'STOP'. Below these are three more sections: 'Snapshot' with a 'SNAPSHOT' button, 'CG' with an 'ENTER' button, and 'Media Center' with an 'ENTER' button.

# Web Control Interface - Custom PGM

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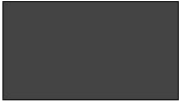


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**Drag/Zoom** the source  
in Custom PGM

# Web Control Interface - Custom PGM

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Source 1	Source 2	Source 3	Source 4
<p>clip <input type="checkbox"/></p> 	<p>clip <input type="checkbox"/></p> 	<p>clip <input type="checkbox"/></p> 	<p>clip <input type="checkbox"/></p> 
Layer Layer 1	Layer Layer 2	Layer Layer 3	Layer Layer 4
Position X: 0	Position X: 1400	Position X: 1400	Position X: 1398
Position Y: 0	Position Y: 0	Position Y: 360	Position Y: 718
Width: 1920	Width: 520	Width: 520	Width: 521
Height: 1080	Height: 360	Height: 360	Height: 361

PGM Setting

Scale  
stretch

Background Color  


**Manage  
Position/Layer/Clip/Width/Height  
of every source**



# Web Control Interface - Media Center

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You can manage all the recording/snapshot file in media center.

We support the storage to HDD (1TB) / USB / NAS

Name	Size	Date
hdd		
usb		
nas		

<h3>NFS Setting</h3> <p>NFS IP Address</p> <input type="text"/> <p>NFS Path</p> <input type="text"/> <p><b>SUBMIT</b></p>	<h3>Storage Location</h3> <p>Current Storage</p> <p>HDD</p> <p>HDD</p> <p>USB</p> <p>NAS</p>
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# Web Control Interface - Source Setting

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**Video  
Source:**  
HDMI/  
IP Camera

	Video Source	Audio Source	Resolution	Frame Rate	Channels	Bits Per Sample	Sample Frequency
Channel 1	IP Stream	Embedded	1920x1080p	NA	NA	NA	NA
Channel 2	IP Stream	Embedded	1920x1080p	NA	NA	NA	NA
Channel 3	HDMI	Embedded	NA	NA	NA	NA	NA
Channel 4	HDMI	Embedded	NA	NA	NA	NA	NA

**Audio  
Source:**  
Embedded/  
Line-in/  
Microphone

**Table of Sources:** Every setting of each source

# User Manual - How to set the IP camera

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- Make sure IP camera and HDR-731 are in the same network
- Go "Setting" → "Source" → "Source 1/2/3/4"
- Select IP Stream in Video, click "GET BXB CAMERA"
- Select the IP of the camera

# Web Control Interface-Recording Setting

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Setting the recording of each source.

Customize your file name / Type

Duration of each Recording

SOURCE 1 SOURCE 2

### PGM

#### Main Record

Encoder Source  
Main Encoder

File Name  
PGM01\_MAIN\_%Y%M%D\_%h%m%s\_%i

Type  
MP4

Duration (min)  
120

APPLY DEFAULT

# Web Control Interface-Streaming Setting

Setting the streaming of each source.

Choosing your type of streaming

RTMP(Facebook/Youtube)  
/HLS/TS/PTSP

### Main Streaming

Encoder Source  
Main Encoder

Stream Type  
RTSP

Web Platform (RTMP)  
Show on Web (HLS)  
TS  
RTSP

Password  
root

Session Name  
session0.mpg

APPLY DEFAULT

# Web Control Interface-Snapshot Setting

Setting the snapshot of each source.

Choosing your type of snapshot

JPEG / BMP

**PGM**

Capture  
Enable

FileName

Type  
JPEG  
BMP

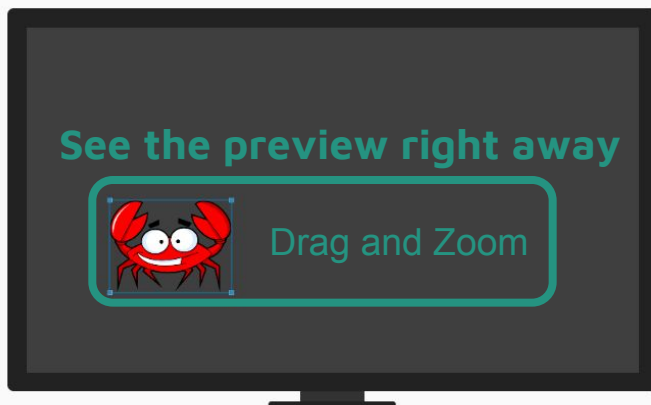
# Web Control Interface-CG Setting

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LIVE / RECORDING

## Setting the CG of each source.

Each source can put up to 4 layers

Each layer can be text or picture.



Layer 1  visible

Position X  Position Y

Type

Width  Height

Choose File

Layer 2  visible

Position X  Position Y

Type

Font Size  Font Color

Text

Layer 3  visible

Position X  Position Y

Type

Font Size  Font Color

Text

Layer 4  visible

Position X  Position Y

Type

Font Size  Font Color

Text

# Web Control Interface-Mixer Setting

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Mix the audio input  
Embedded/Line-in

Mixer

Type

Mixer

<input checked="" type="checkbox"/>	Source 1 Embedded	<input type="range"/>	128
<input checked="" type="checkbox"/>	Source 2 Embedded	<input type="range"/>	128
<input checked="" type="checkbox"/>	Source 3 Embedded	<input type="range"/>	128
<input checked="" type="checkbox"/>	Source 4 Embedded	<input type="range"/>	128
<input checked="" type="checkbox"/>	Source 1 Line-in	<input type="range"/>	128
<input checked="" type="checkbox"/>	Source 2 Line-in	<input type="range"/>	128
<input checked="" type="checkbox"/>	Source 3 Line-in	<input type="range"/>	128
<input checked="" type="checkbox"/>	Source 4 Line-in	<input type="range"/>	128



# Web Control Interface-Monitor Setting

## Setting the HDMI layout

Setting the layout frame rate/volume and Display Mode(PGM/Multiview)

HDMI 1

Frame Rate

Display Mode

Volume

# Web Control Interface-System Setting

Setting the system

Network

Firmware

Disk Format

### Network Setting

DHCP

Static IP

Subnet Mask

Default Gateway

Primary DNS

Secondary DNS

### Firmware Update

File Path

### Disk Format

Device

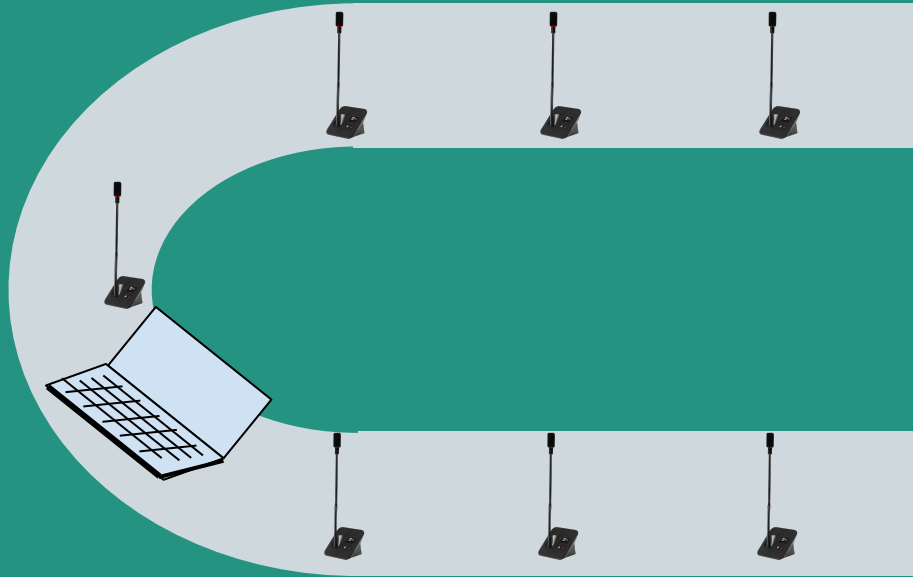
Format Type

- FAT
- NTFS
- EXFAT

### System Control

# Scenario - Conference Recording

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# Scenario Proposal

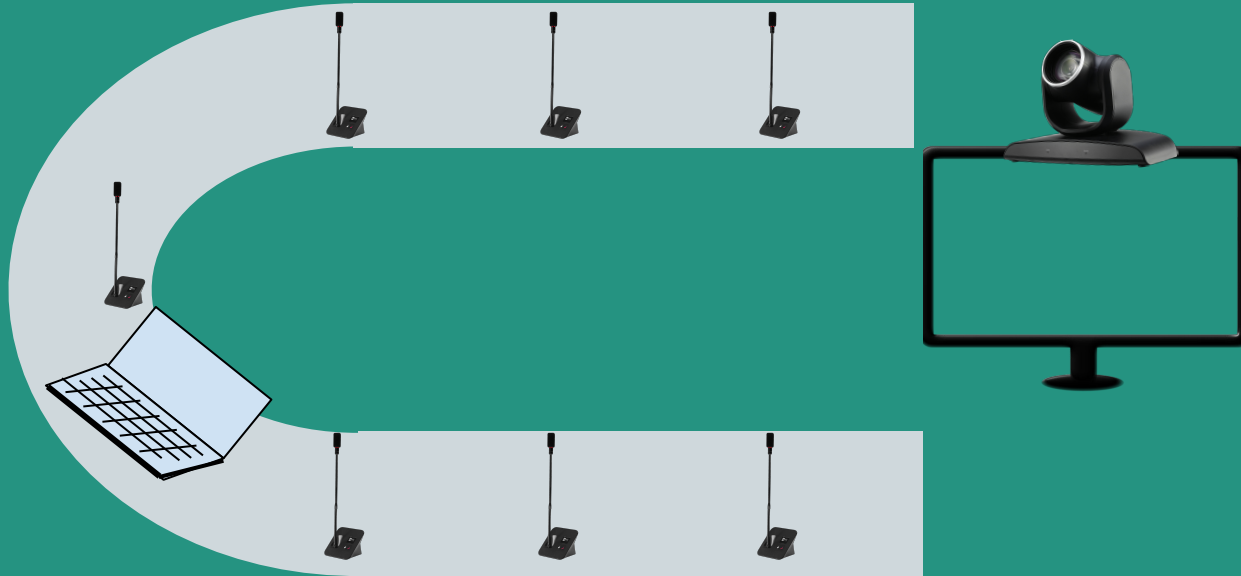
HDR-731  
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Model	Description	Qty
HDR - 731	High Definition Recording & Streaming CCU	1
HDS - 720	High Definition Controller	1
HDC - 713	IP Camera	2 or more
GS - 2804	Switch	1
FCS - 6350	Conference CCU	1
FUN-6311/12	Fun Microphone Chairman/Delegate	1/6

# Scenario - Video Conference

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# Scenario Proposal

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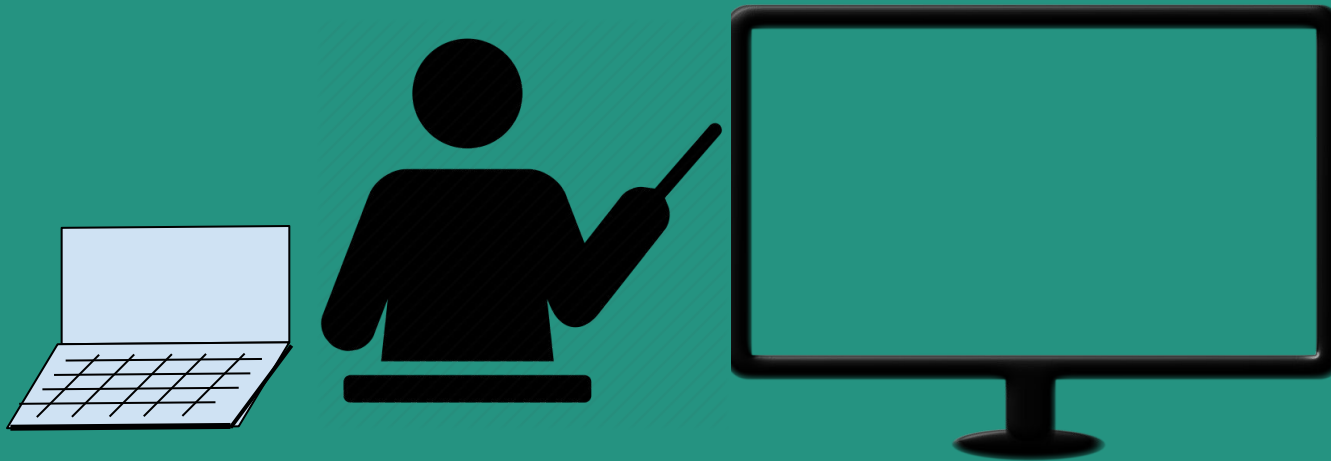
HDR-731  
LIVE / RECORDING

Model	Description	Qty
HDR - 731	High Definition Recording & Streaming CCU	1
QCU - 100	Video Conference CCU	1
HDC - 613	PTZ USB Camera	1
FUN-6311/12	Fun Microphone Chairman/Delegate	1/6

# Scenario - Education/Training

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# Scenario Proposal

HDR-731  
LIVE / RECORDING

Model	Description	Qty
HDR - 731	High Definition Recording & Streaming CCU	1
HDC - 713	IP Camera	1

For the school or company training, this is useful for them to record and online teaching at the same time. You can use both camera image and computer presentation at the same time.



# Scenario - Live Event

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# Scenario Proposal

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HDR-731  
LIVE / RECORDING

Model	Description	Qty
HDR - 731	High Definition Recording & Streaming CCU	1

In some activity, you will want to do the live streaming and recording at the same time. We support online streaming to Facebook/Youtube, no need to buy two product for two function!

# When you should Introduce HDR-731?

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- Any occasion need multiple HDMI/IP Camera input
- Use of **Recording** or **Live Streaming**
- Special needs of PGM (customized by yourself)
- Conference/Education/Live Streaming/Video Conference

# FAQ

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HDR-731  
LIVE / RECORDING



**What's the duration means in the recording?**



Duration is the time of every recording, if you set 60 minutes, we will start a new recording after 60 minutes. You can set up the duration according to your needs.

# FAQ

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HDR-731  
LIVE / RECORDING



**What type of live streaming do you support?**



We support most types of streaming, RTMP/RTSP/TS/HLS. You can use RTMP to do the live streaming to Youtube and Facebook.

# FAQ

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HDR-731  
LIVE / RECORDING



**What if I want to hide two of my sources in Customized PGM?**



- 1.You can set the source's Height & Width to zero.
- 2.You can also use the layer and put it to the back.(1 is back, 4 is front)

# FAQ

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HDR-731  
LIVE / RECORDING



**Can I recording/streaming two different places at the same time ?**



Yes, both recording and streaming have Main and Sub channel. So you can do two different setting to the recording, also streaming to two different website (For example, Facebook and YouTube.)

# FAQ

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HDR-731  
LIVE / RECORDING



**What's the storage of HDR-731? Is there any other storage location?**



HDR - 731 has 1TB storage inside, you can also use USB or NAS to save your recordings. With NAS, you can even upload your recordings to the cloud.



# FAQ

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**Can I change the background color?**



Yes, you can change it in the “Custom PGM” → “PGM Setting”

# FAQ

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HDR-731  
LIVE / RECORDING



**Is there any limitation on IP camera?**



We only support BXB IP camera (HDC-713) to provide the best system stability.

**HDR - 731**

**HIGH DEFINITION RECORDING  
AND STREAMING CCU**

▶ THANK

● YOU

