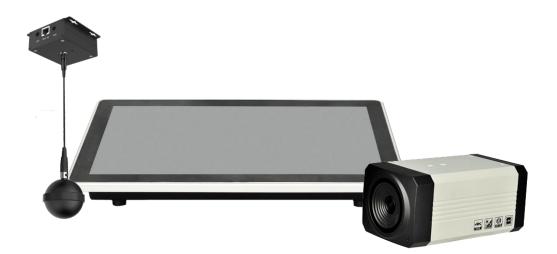
# IQVideo

# Lecture Capture System

LCS610

——User Manual——



**TQ** Returnstar Interactive Technology Group Co., Ltd.





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# **Chapter 1 System Components**



## 1.1 Video Station Interface Description





- DC-48 IN Video Station Power In
   4-port POE 1000Mbps
  - 4 Gigabit Ethernet POE Power Supply and Access to Webcam
- COM
   RJ45 Control Port, Support RS-232 Communication Protocol
- 4. HDMI-OUT2 Local Director Screen Output
- 5. HDMI-OUT1 Recorded Video Screen Output
- HDMI-IN Support Access to the Teacher's Computer or Visual Presenter and Other HDMI Video Signals
- 7. USB Local Recording Video Export
- 8. AUDIO-OUT Audio Recording Output to Audio Processor
- 9. AUDIO-IN Audio Signal Input Such as Microphone

## 1.2 Teacher Camera/Student Camera Interface Description



- 1. DC 12V, Camera Power Interface
- 2. RS485 Device Control Port
- 3. RJ45, Gigabit Network Interface, POE Supported
- 4. 3-Pin Phoenix Contact Audio Line in
- 5. SDI Video Signal Transmission Interface



## **1.3** Microphone Audio Processor Interface Description



#### 1.3.1 Front Interface

- 1. SM Input volume adjustment knob of wired vice microphone.
- 2. MM Input volume adjustment knob of wired main microphone.
- 3. WL Input volume adjustment knob of wireless main microphone.
- 4. MIC-INPUT Input interface of network port microphone.
- 5. RUN Device running indicator, flashing slowly indicates normal operation.
- 6. POWER Power indicator, keep it on after power on.
- 7. CTRL Debugging port.



#### 1.3.2 Back Interface

- 8. AEC-REF Acoustic echo cancellation audio signal input interface, 3.5mm audio interface.
- 9. AEC-REF Rotate the AEC-REF volume adjustment.
- 10. SPK-OUT Stereo output to external amplifier or speakers, 3.5mm audio interface.
- 11. SPK-OUT Rotate the SPK-OUT volume adjustment .
- 12. AEC-OUT Stereo acoustic echo cancellation processed signal output interface, 3.5mm audio interface.
- 13. AEC-OUT Rotate the AEC-OUT volume adjustment knob.
- 14. DC-12V Power port.

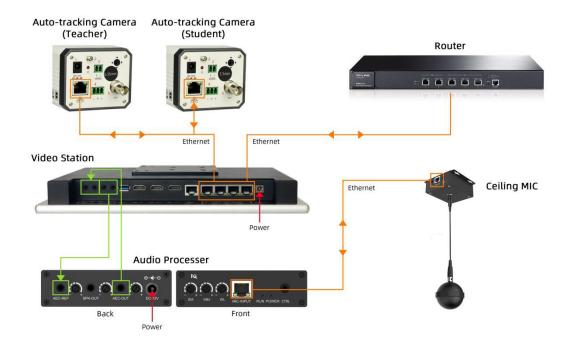
## **Chapter 2 Installation Preparation**

Before setting, please prepare a computer (installed with tracking debugging software), video station, tracking camera, and ceiling microphone.

There are two tracking cameras: teacher camera and student camera. The tail plate marked 7.35mm is the teacher tracking camera (teacher camera default IP: 192.168.2.88), and 3.5mm is the student tracking camera (student camera default IP: 192.168.2.89). The installation height is preferably between 2.2 meters and 2.5 meters.

Connect all devices and network cables, make sure all devices are in the same LAN, and ready for setting.

## **Chapter 3 Device Connection**



## **Chapter 4 Video Station IP Settings**

Connect the computer to the video station with a network cable. Check if the default IP address of the video station is 192.168.1.212. Change the computer' s IPv4 address to the same

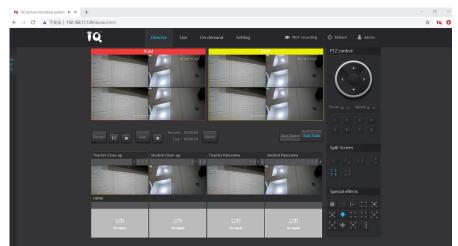


network segment with the video station (e.g. 192.168.1.112). Access the video station's default IP address through a computer browser (Google browser is recommended).

Enter username: admin password: 8888



Pic: Access video station IP address



Pic: Home page after login

Enter the settings page to modify the network address of the Video Station to: 192.168.XXX.XXX (depending on the local area network), re-enter the modified IP address on the web page, and enter the settings page to add the camera network address:

	0
rtsp://192.168.XX.88/video1	(Teacher Panorama)
rtsp://192.168.XX.88/video2	(Teacher Close-up)
rtsp://192.168.XX.89/video1	(Student Panorama)
rtsp://192.168.XX.89/video2	(Student Close-up)

The camera IP address setting ensures that the network segment is consistent with the video station. Restart the video station after saving the parameters.



- → C ▲ 不安全   192.1	68.17.242/setting.html							Q.	☆ <b>IQ</b>
	ĨQ						boot 💄 admin		
		Channel parm	Recording p	arm HDMI Output	Volume setting	Channel name	Disk settings		
		Tea	cher Close-up	rtsp://192.168.17.88/video		1259			
			tions of the second second	rtsp://192.168.17.89/video		1259			
		Stor	sent close-up	1000102.100.17.0014000		1200			
		Tead	her Panorama	rtsp://192.168,17.88/video		1259			
		Stud	ent Panorama	rtsp://192.168.17.89/video		1259			
			Save						

Pic: Connect the camera in the settings

# **Chapter 5 Camera IP Settings**

## 5.1 Configuration Software Installation

EDUTrackerClie nt1.4.4.zip

Unzip the Camera Configuration Software

to the specified location,

double-click to open the software as shown in the figure below;

Name	Date modified	Size
platforms	2020/12/4 16:32	
EDUBullseyeClient.exe	2020/11/26 15:06	363 KB
🗟 icudt52.dll	2014/1/22 21:30	22,957 KB
icuin52.dll	2014/1/22 21:30	1,790 KB
icuuc52.dll	2014/1/22 21:30	1,315 KB
MessageList.txt	2017/3/22 17:05	1 KB
msvcp110.dll	2012/7/26 19:08	522 KB
msvcr110.dll	2012/7/26 19:08	843 KB
opencv_core244.dll	2013/8/7 14:47	1,969 KB
opencv_highgui244.dll	2013/8/7 14:58	1,920 KB
Qt5Core.dll	2014/7/10 9:44	4,018 KB
🗟 Qt5Gui.dll	2014/6/19 18:52	4,270 KB
Qt5Network.dll	2014/6/19 18:51	827 KB
Qt5Widgets.dll	2014/6/19 18:55	4,270 KB

	EDU Tracking System	n v1.3.0e		-		- 🗆 🗙
1	Searc Device ID 2F61149F0200000E	Device Name VSTeacherBullseye		Netmask 255.255.252.(	Demi an Name.	
2	2FA88875020000C3	VSStudentBullseye	192.168.17.183	255.255.252.0	IP Address: Netmask: Default Gateway: Firmware Version:	
					Save	Restore
c				>	Upgrade F	irmware

10

Pay attention to select the corresponding Network Connection, click search to display all devices in the current network.

## **5.2 Network Parameters Setting**

Click to select the camera in the device list on the left, the network parameters and software version information of the current device are displayed on the right, and click to modify the IP address to make it consistent with the video station settings. After the modification is completed, saving the settings without restarting, as shown below:

	Search	h		Interf	aces: WLAN	
	Device ID	Device Name	IP Address	Netmask	Network Settings	
	2F61149F0200000E	VSTeacherBullseye	192.168.17.182	255.255.252.	Device ID:	2F61149F0200000E
	2FA88875020000C3	VSStudentBullseye	192.168.17.183	255.255.252.0	Device Name:	VSTeacherBullseye
		-			IP Address:	192.168.17.182
					Netmask:	255. 255. 252. 0
					Default Gateway:	192.168.17.1
					Firmware Version:	EDU_BULLSEYE_T#20200
					Save	Restore
<		_		>	Ingro	le Firmware

# Chapter 6 Video Station Operation Instructions

ĪQ

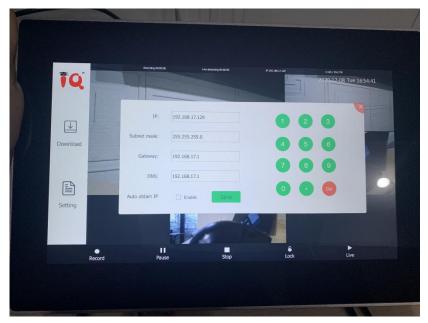
## 6.1 Local Recording



#### Pic: Video station power on state

The login interface will be displayed after power-on, and the system default login password 8888.

#### 6.1.1 Network Settings



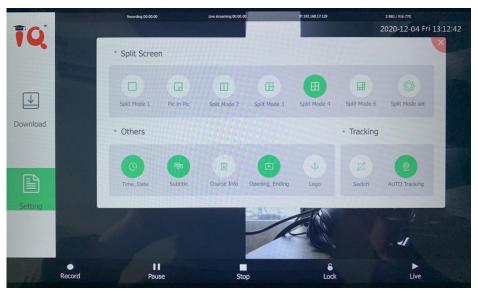
Pic: Network setting interface



Click the logo icon in the upper left corner to pop up the network settings page. Support manual input of IP information and automatic acquisition of router DHCP settings. Click "Save" to take effect.

#### 6.1.2 Director Settings

Click "Setting" to enter the director settings



Pic: Director page

Split-screen: Before class, teachers can choose a suitable split-screen mode according to class needs .

Split Screen	n					
Split Mode 1	Pic in Pic	Split Mode 2	Split Mode 3	Split Mode 4	Split Mode 6	Split Mode set

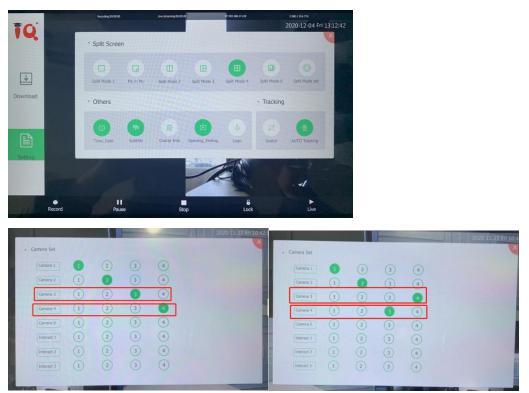
Pic: Split screen selection

1. Select the split screen mode you want

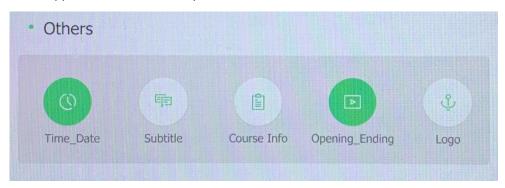
2. Enter "split screen settings", select the camera image to be displayed on each split screen

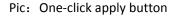
For example: in the case of four-split screen, there are four numbers 1/2/3/4 in the split-screen setting, corresponding to the four split-screen pictures. If you want to display camera 3 on screen 4, select 4 in this row.





Others: The application module mainly sets the information added in the video.





Including adding subtitles, time, course information, recorded opening and ending , logo, etc. to the video.

**Tracking:** Select "Switch"——the recording system will automatically switch the screen, at this time the manual split screen cannot be changed.

Select "Tracking"——the camera automatically tracks the movement of the teacher, it is recommended to keep the selected state.

#### 6.1.3 Local Recording

Click "Record" to start recording video, click "Stop" to stop recording, click "Lock" to freeze the HDMI input source screen when there is HDMI video source input



#### 6.1.4 Video Review and Export

**Export**: Insert a U disk, and export the video in "Download"

## 6.2 Remote Recording

#### 6.2.1 Log in to the Remote Director System



Pic: Remote director login interface

Make sure that the computer and the video station are in the same LAN. Open the browser and enter the IP address of the video station in the browser.

(default IP: http://192.168.1.212, you can view the existing IP on the Video Station)

Enter the login interface of the Remote Director System, as shown in the figure above.

Enter the username: admin Password: 8888 (same as the password of the local director), and then Login to enter.

# Note: <td

#### 6.2.2 Remote Director Settings



Through the preview window, you can view the teacher panorama, teacher close-up, student panorama, student close-up, HDMI input screen.

Select the split-screen mode you want, and view the effect of split-screen in the "Preview Screen".

The position of each lens in the split screen can be modified by setting the number of each lens.

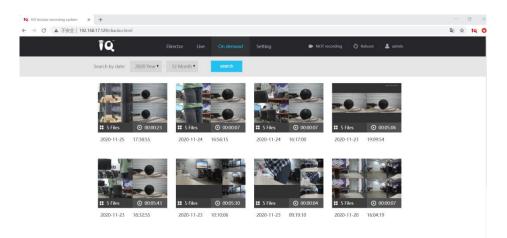
Click "Switch" to switch the preview screen to the PGM screen. At this time, the screen of the video station will change synchronously.

The actual recording screen is subject to the PGM screen.

The "smart switch" button is a toggle switch. When the button is turned off, the tracking will not be switched, and when the button is turned on, the camera will switch automatically.

The "Smart Tracking" button is a tracking switch. When this button is turned off, smart tracking is not performed. When this button is turned on, automatic lens tracking is performed.

#### 6.2.3 Watch Videos and Downloads Remotely



Pic: Video on demand page

The recorded video is automatically maintained to the "On demand" page.

A single video automatically displays video screenshots, the number of simultaneous recording channels, time recording duration, and recording time information.

Search toolbar that supports searching videos by date.



## 6.3 Live streaming over Internet

Native configuration	Live streaming parameter	rs	
Network	Director channel	Multiple channels	
Codec			
Channel	Local live stream: rtm	np://192.168.17.129/live/pgm(For local mon	itoring)
OSD	Enal	ble 🗸 Cross-platform lii	nking
Opening & Ending			iking
	main stream: rtm	p://a.rtmp.youtube.com/live2/rfv8-je7r-zjzj-s68-	(Streaming server address for the local or third party)
	🗇 Enal	ble	party
Tracking			
Serial port	auxiliary stream: rtm	p://110.90.11.185:1935/live/av3	(Streaming server address for the local or third party)
Server	TS		party
	15		
Scheduled Recording	Enal	bla	
Power Scheduler		DIE	
Access Control	UDP address: udp	://@239.0.0.1:9000	(TS stream address udp://@239.x.x.x:xxxx)
	1 100 a 5 100 m		
Role management	RTSP		
User Management			
Change Password	🗆 Enal	ble	
	rtsp Address: rtsp	)://***	
Online upgrade			
Device Management			
	Save		

Pic: Streaming address setting

In the Remote Director System -> External interface -> Live streaming -> RTMP fills in the third-party live broadcast address and saves it.

Click "Live" on the main interface of the video station, or click "Live" on the Remote Director System to start streaming to the live broadcast platform. In this time enter the Remote Director System -> Live, when you can view the live preview on the live page, it means the streaming is successful.

# Chapter 7 Recording System Parameter Settings

## 7.1 Video Station Configuration

#### Network

Display the network card information and IP information of the current video station, support manual setting of the video station address; support automatic acquisition of the IP address.



Native configuration	Network parameters		
	Internet Information		
Codec			
Channel	Ipv4 Address:	192.168.17.129	
	Subnet mask:	255.255.255.0	
Opening & Ending	Sublict mask.	200.200.200.0	
	Default gateway:	192.168.17.1	
Live streaming	DNS:	192.168.17.1	
Tracking	513.		
Serial port		Obtain an IP address automatic	cally
	Save		
Scheduled Recording			
Power Scheduler			
Role management			
User Management			
Change Password			
Online upgrade			
Device Management			

Pic: Network settings page

#### • Codec

#### **Local Stream Parameters**

Mainly used to set the code rate of the recorded video, and generally do not modify it;

Native configuration	Codec Parameters							
Network	Local stream parm	Main strea	am parm	AUX stream p	barm	Audio Codec		
Channel		Resolution:	[16:9]108	30P	$\sim$			
Opening & Ending	Vie	deo Codec:	H.264		$\sim$			
		Bit rate:	4096			Kbps		
Live streaming	D	ate control:	CBR		~			
Tracking		ne control.						
Serial port	I Fran	ne Interval:	1			second		
		rame rate:	25		✓ fps			
Scheduled Recording	5	Save						
Power Scheduler								
Access Control								
Role management								
User Management								
Change Password								
Online upgrade								
Device Management								

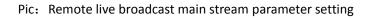
Pic: Local live broadcast and recording parameter settings

#### Local Remote Live Broadcast Parameters

If you use public network live broadcast, you can freely adjust the code rate according to the school's bandwidth, and generally do not modify it;



1						
	Codec Parameters					
Network	Local stream parm	Main strea	im parm	AUX stream parm	Aud	io Codec
Channel	1	Resolution:	[16:9]108	0P v		
Opening & Ending	Vic	deo Codec:	H.264	~		
		Bit rate:	2048		Kbps	
Live streaming						
Tracking	Ra	ate control:	CBR	~		
Serial port	l Fran	ne Interval:	1		second	1
			30	~ ] f		
	1	rame rate:	30		ps	
Scheduled Recording	5	ave				
Power Scheduler						
Access Control						
Role management						
User Management						
Change Password						
System Management						
Online upgrade						
Device Management						



Native configuration	Codec Parameters				
Network	Local stream parm Main stre	am parm	AUX stream parm	Audio Codec	
Channel	Resolution:	[16:9]720	)P v		
		H.264			
Opening & Ending	Video Codec:	H.204	~		
	Bit rate:	1024		Kbps	
Live streaming	Rate control:	CBR	~		
Tracking	Kate control.	LODIC			
Serial port	I Frame Interval:	1		second	
	Frame rate:	25	✓ fps		
Scheduled Recording	Save				
Power Scheduler					
Access Control					
Role management					
User Management					
Change Password					
Online upgrade					
Device Management					

Pic: Remote live broadcast AUX stream parameter setting

#### **Audio Codec Parameters**

Display the current audio acquisition format;



Native configuration	Codec Parameters				
Network	Local stream parm	Main stream pa	rm AUX stream parm	Audio Codec	
Codec					
Channel		Baud rate: 128	× K	lbps	
OSD					
Opening & Ending	Sam	npling Rate: 441	00 × F	12	
	Encod	ding format AA	C ×		
Live streaming	_				
Tracking		Save			
Serial port					
Server					
Scheduled Recording					
Power Scheduler					
Access Control					

#### Pic: Audio codec parameter settings

#### Channel

#### **Channel parameters**

The channel parameters are used to dock the video information of the camera, and each modification needs to be restarted to take effect;

	Channel Settings	(RTSP supporte	ed)				
Network	Channel parm	Recording pa	arm H	IDMI Output	Volume setting	Channel name	Disk settings
Codec							
Channel	Teac	her Close-up	rtsp://192.	168.17.182/video	2	1259	
OSD	100						
Opening & Ending	Stud	ent Close-up	rtsp://192.	168.17.183/video	2	1259	
	Teach	er Panorama	rtsp://192.	168.17.182/video	1	1259	
Live streaming Tracking	Stude	nt Panorama	rtsp://192.	168.17.183/video	1	1259	
Serial port		Save					
Server							
Intelligent control							

#### Pic: Channel parameter setting

#### **Recording Parameters**

Channel selection—set multi-channel recording, the default recording director channel, the director channel is not selectable, support up to 5 channels to record at the same time.

File format—choose to record files in FLV/MP4 format, and use MP4 format to record by default

Duration limit — in the case of long-term recording, the video will be automatically cut, which can be set to 1/2/3 hours

Pop-up settings—after clicking the record button, whether to pop up a confirmation dialog box

Countdown recording — after clicking the "Record" button, whether to prompt to start recording countdown, 0 means no timing, can be set to 3/5/8/10 seconds



11 A A A		(0700						
Native configuration	Channel Settings	(RTSP suppor	ted)					
Network	Channel parm	Recording	parm	HDMI Output	Volume setting	Cha	nnel name	Disk settings
Codec								
Channel	Channel selection:							
OSD		82	Direct	tor channel				
Opening & Ending			Direct					
External interface		<b>Z</b>	Teach	ner Close-up			Student Clo	se-up
Live streaming			Teach HDM	ner Panorama			Student Par	norama
Tracking		<u> </u>	TIDIVI	I				
Serial port	File format:							
Server	The format.							
Intelligent control		0	FLV		۲	MP4		
Scheduled Recording								
Power Scheduler	Duration limit:							
Access Control		2 hours	~	-				
User Management								
Role management	Pop-up settings:							
User Management			Demo		da a coda al acco			
Change Password			Popu	p recording informa	uon window			
System Management	Countdown record	ina:						
Online upgrade	countdown record	ing.						
Device Management		Osecond	~	-				
		Save						
		JUAC						

Pic: Recording parameter settings

#### **Output Settings**

Mainly used to set the video content output by the HDMI output interface (corresponding to the recording host interface HDMI out 1). It supports three options: director, preview, and HDMI.

emand	Setting	•
ted)		
oarm H	IDMI Output	Volume settin
Preview		X
Director c	hannel	
Preview		
HDMI		
THOM		
	Preview Director c Preview	barm HDMI Output Preview Director channel Preview

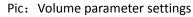
Pic: HDMI output settings

#### **Volume Settings**

Adjust the input and output volume. If you need to use the interactive function, don't select the "Sound in the classroom" function;



	Channel Settings	(RTSP supported)				
Network	Channel parm	Recording parm	HDMI Output	Volume setting	Channel name	Disk settings
Codec						
Channel	h	nput volume: 60				
OSD						
Opening & Ending	Ou	tput volume: 60				
External interface		🗌 Sound	d in the classroom			
Live streaming		Save				
Tracking		Save				
Serial port						
Server						
Intelligent control						
Scheduled Recording						



#### **Channel Name**

The name of each channel can be named manually

	Channel Settings	(RTSP supported)				
Network	Channel parm	Recording parm	n HDMI Output	Volume setting	Channel name	Disk settings
Codec						
Channel		1: Te	acher Close-up			
OSD						
Opening & Ending		2: St	udent Close-up			
		3: Те	acher Panorama		]	
Live streaming		4: St	udent Panorama			
Tracking		4. 51				
Serial port		5: HI	IMC			
Server	-	Save				
		Save				
Scheduled Recording						
Power Scheduler						
Access Control						
	•					

#### Pic: Channel name settings

#### OSD Parameter

Used to edit the settings of subtitles, logo, time, and title information and select the display position, font size and color;

OSD Parameter				
Date	Subtitle	Title	Logo	
1	ime & Date Enable	~	Font Size:	Default ~
	Font Color: White	~	Position:	Upper right V
	Save			
	Date	Date Subtitle Time & Date Enable Font Color: White	Date     Subtitle     Title       Time & Date     Enable     ~       Font Color:     White     ~	Date     Subtitle     Title     Logo       Time & Date     Enable     ✓     Font Size:       Font Color:     White     ✓     Position:

Pic: OSD Parameter settings

#### Opening & Ending

Mainly used to upload the opening and ending and set the titles of them. It is recommended to upload pictures in 1920\*1080p.jpg format;



Native configuration	Opening & Ending Setting	
Network	Title of Opening & Ending Uploa	ad Opening & Ending
Codec		
Channel OSD	Title of the opening:	QNEX Recording System
Opening & Ending	Title of the ending:	QNEX Recording System
		Enable Opening & Ending
Live streaming Tracking Serial port Server	Save	



## 7.2 External interface

#### • Tracking Parameters

Native configuration	Tracking Parameters		
Network	Tracking address		
Codec			
Channel	IP Address:	192.168.17.212	
		1100	
Opening & Ending	Port:	4400	
		Enable	
Live streaming			
	Desktop Detection		
Serial port			
Server	SAD Threshhold:	255	
	Minimum trigger value:	100	
Scheduled Recording		10	- 1
Power Scheduler	Delay protection:	10	second
Access Control	Detection strategy:	Simultaneous detection HE $\checkmark$	
	Stop strategy:	Switch back to the previou V	
Role management	Stop strategy.		
User Management	Interactive strategy:	automatic switching v	
Change Password	Desktop lock	no v	
Online upgrade	Save		
Device Management			

Pic: Tracking parameters settings

#### **Computer Desktop Detection**

**SAD threshold:** computer desktop detection sensitivity, the smaller the value, the more sensitive, the recommended value range is 600

**Lowest trigger value:** computer desktop detection sensitivity, the smaller the value, the more sensitive, the recommended value range is 300

**Delay protection:** the minimum hold time when the computer desktop has been switched to the desktop without operation

**Detection strategy:** whether to enable computer desktop detection, HDMI detection/no detection

**Stop strategy:** after the computer desktop exceeds the hold time, it automatically switches channels and switches back to the previous channel/switch to track the last triggered



channel/specified channel (customizable selection)

**Interactive strategy:** whether to automatically switch to multi-screen layout after interactive connection, no switch/auto switch

**Computer desktop lock:** whether the PGM screen has been kept on the computer desktop, yes/no

• Server

Mainly used to connect the video station with other platforms.

**FTP service:** upload the video to the settings on the FTP server, fill in the address IP that needs to be uploaded to the specified server.

Native configuration	Server parameters			
Network	File Server			
Codec	FTP Server			
Channel OSD	So this server			
OSD Opening & Ending	IP Address:	58.22.30.38	Connection succeeded	
External interface				
	Port:	21		
Live streaming Tracking	Username:	test		
Serial port	Password:	RS@test		
Server	r assword.	NGWIESI		
	O HTTP Server			
Scheduled Recording	http url:	http://192.168.10.110:8080/uploa	d	
Power Scheduler				
Access Control	Upload rules			
	Manual upload	<ul> <li>Spare time to upl</li> </ul>	oad O	18:00 upload O
Role management	Save			
User Management	Save			
Change Password				
Online upgrade				
Device Management				
	l			

Pic: Server parameter settings

## 7.3 Intelligent Control

#### • Scheduled Recording

Scheduled recording function, support single recording time

	Timed recording			
Network				
Codec				
Channel	Start Time:	End Time:		Add to
OSD	Starting time	End Time	Status	Operation
Opening & Ending				
live streaming				
Tracking				
Serial port				
Server				
Scheduled Recording				
Power Scheduler				
Access Control				

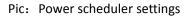
Pic: Scheduled recording settings



#### Power Scheduler

Schedule power on/off

Native configuration	Power Scheduler
Network	Scheduled Power On/Off
Codec	
Channel	Scheduled Power On: 19 V 00 V 00 V
OSD	
Opening & Ending	Scheduled Power Off: 19 V 20 V 00 V
External interface	(Tip: When all the above values are set to 0, this scheduler is disabled.)
Live streaming	
Tracking	Save
Serial port	
Server	
Intelligent control	
Scheduled Recording	
Power Scheduler	



#### Access Control

There is a limit that an account cannot have more than two logins at the same time to prevent data loss caused by human misoperation;

Native configuration	Access Control
Network	Access Control Setting
Codec	
Channel	Limited access when recording: Not limited
OSD	
Opening & Ending	Limited access when idle: Not limited
External interface	Save
Live streaming	
Tracking	
Serial port	
Server	
Intelligent control	
Scheduled Recording	
Power Scheduler	
Access Control	
User Management	



## 7.4 User Management

#### • Role management

You can add administrator and user permissions to operate this system.



Native configuration	Role management		
Network Codec Channel OSD Opening & Ending External interface Live streaming Tracking	Role management Administrator Director Live On demand Micro Lesson Setting	12 V Director Live On demand Micro Lesson Setting Del	Enter Director Live Micro Lesson Setting Add to
Serial port Server Intelligent control Scheduled Recording Power Scheduler Access Control			
User Management Role management User Management Change Password System Management			

Pic: User permission settings

#### • User Management

Create a new login user, the default password is 8888. Based on the normal operation of the system, it supports up to 8 new users.

	swords are unified as:8888 Please		
og in and change	e your password		
ENTER YOUR US	SER NAME Administrator	Ψ	Add to
ENTER YOUR US	8888 Administrator	teacher	Add to



#### • Change Password

Modify the password of the current login account

Change Password		
Your user name:	admin	
Modify password:		Please enter a four-digit password
Confirm password:		
Save		

Pic: Change password

## 7.5 System Management

#### • Online Upgrade

To upgrade the version of the system, select the file that needs to be updated and click the "Update" button. Please keep the power on when the system is upgraded.

After the upgrade is successful, the system will automatically restart.

Online Upgrade	
oftware upgrading	
System version:	D_SYS(EN)V3.0
Software version:	D(MASS)(EN-S)_V3.0.13T1
Please select a file	Upgrade 0%

Pic: Software upgrading

#### • Equipment management

#### **Device Naming**

Device Manageme	Device Management						
Device Naming	Device 1	lime	Data Recovery	Screen Lock	Authorize		
De	Serial No.: vice Name: Save	d843a85					

Pic: Device naming

Mainly display the video station serial number (not writable)

Video station name (modifiable, used for classroom identification when docking with the platform)

#### **Device Time**



evice Naming	Device Time	Data Recovery	Screen Lock	Authorize
De	evice Time: 2020-	12-08 17:21:17		
Comp	Computer time: 2020-12-08 17:21:51			
Synch	nronize computer time			

#### Pic: Device time settings

If the current time of the device is inconsistent with the current network time, you can click the "Sync Network Time" button.

#### **Data Recovery**

Click the "Format hard disk" button to format the system hard disk, and all data will be cleared; click the "Reset" button to restore the setting fields to the default parameters (if necessary, please contact the debugging personnel, do not operate without authorization. Otherwise, you should bear the responsibility if data loss caused by your misoperation.)

Device Management							
Device Naming	Device Time	Data Recovery	Screen Lock	Authorize			
	Reset	Em	pty the hard disk				
		operate this interface to avoid data loss.					
Syste	m language: 英语(en	glish) 🗸					
	Save						

Pic: Data recovery page

#### Screen Lock

The lock screen management is used to define the cooling time when the touch screen is automatically locked. In the unlocked state, if the touch screen is not touched within the specified time, the screen is automatically locked.

evice Manageme	nt				
Device Naming	Device Time	Data Recovery	Screen Lock	Authorize	
Automatics	creen lock: 5 minute	s v			

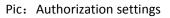
.

Pic: Set automatic screen lock time

#### Authorize

The device can be authorized to operate. If the authorized time is exceeded, the video station will not be able to be used normally (if the device is found to indicate that the authorization information has expired, please contact the manufacturer's engineer)

Device Managemer	nt				
Device Naming	Device Time	Data Recovery	Screen Lock	Authorize	
Authoriza	ation date: Perman ation code:	ent			



## **Chapter 8 Abnormal problems and solutions**

#### 1. The channel address is set correctly, but the director does not display the image;

a. After the channel address is set, do you restart the video station (the video station be restarted to take effect).

b. Whether the IP of the camera and the video station are in the same network segment (the network segment must be the same).

c. Whether the camera is normally powered on and the network is normally connected.

#### 2. There is tracking effect, but it cannot be switched automatically;

a. Whether the smart switching and smart tracking are on at the same time.

b. whether the tracking correctly docks the tracking IP, it can be checked in Settings—Tracking.

c. Whether the correct video station address and switching instruction are set on the tracking software.

# **3.** Set the correct IP address for interaction, but the interactive connection cannot be made;



a. Whether the networks of both parties are interoperable

b. After the IP address is set, the video stations of both parties must be restarted to take effect





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