

USER MANUAL

8000 Series Network Camera

Version: 1.1

Date: December 2018

1 Login Interface

Input the IP address of the front-end device in the IE browser (the default IP address is 192.168.1.86) to access the login interface as shown in the following picture:

	ZKT
2	admin
*	English V 🔆 IE Plugin V
	Login

When using the IP camera for the first time, you must install the Active X in advance. Click on the "Download Plugin" on the upper left corner of the login interface as shown in the figure below to download and install Active X; the system will then pop up an installation control message. Click on "Run" and install ActiveX according to prompts.

 Download Plugin			
	7107		
	admin		
	A		
	* English	-	
	Login	Forgot password?	
		T	
What do you want to do with ZKTeco. From: 192.168.131.12	exe (1.7 MB)? Run	Save A Cance	×

After installing Active X, click on "Login", then the system will prompt a message asking whether or not to change the password, as shown in the following figure:

	ZK	Teco		
来自网页	的消息		×	
6	Do you need to modify your p Cancel to no longer alert	password? Click OK to modify, clici		
		検定取消		
		Login		

User Name: admin (default setting).

Password: 123456 (default setting); users may modify the password according to the instructions.

Plugin Type: IE plugin or Flash plugin. If you use IE browser, please select IE Plugin. If you use other browsers, select Flash plugin. (③ Note: Select Flash plugin without installing Active X).

Language: English, simplified Chinese.

Solution Note: if a user forgets his/her password, one may click on Forget password?, then the following window will pop up. The default user name is "admin". Click on "Next" to restore the password to factory settings according to the prompt.

password reset
Username: Next Back
password reset
Username: admin
Serial No: 02d20123da3ebf9ea514
Unique Identifier: Ay73J7eqN9S18tvE
Reset Info:
Warm Tips: Please contact the manufacturer to provide relevant
information for reset information!
Save Back

2 Live Videos

After logging in, you will enter the live video interface, as shown in the following figure.

[©] **Note:** You have to insert a TF card first to access the full function display interface; otherwise, the system will only show you the simplified version.



2.1 Full-screen Preview

Click on the full-screen icon in the lower right corner to get a full-screen preview. Or, you may right-click to access (and exit) the full screen display on the preview interface

2.2 Electronic Zoom-in

You may zoom in the preview image by scrolling the mouse wheel, as shown in the following figure:



2.3 PTZ control



PTZ Control: To use eight directional keys to change the image orientation or click on the "AUTO" button to allow auto-rotation.

Zoom In/ Out: To adjust the extent of zooming in or out.

Focus: To adjust the size of focus.

Iris: To adjust the size of aperture.

Speed: To use the slider to regulate the PTZ speed.



Brightness: To adjust the brightness of the screen.

Contrast: To adjust the contrast of the screen.

The

arrow is used to restore factory settings

Preset 0 🔽 🧪 🔿

Set a Pre-set Point: Set a pre-set point by using directional keys on the PTZ control to rotate the camera to the desired location, then select a pre-set value from the pre-set point drop-down list, and

then press the 🖉 button.

Call a Pre-set Point: Call a pre-set point by selecting a pre-set number to be called from the pre-set

point drop-down list, and then press the 👘 button.



Voice Intercom: To enable or disable voice intercom.

Capture: To take screenshots. Click on the icon, the system will pop up a storage path automatically.

Full Screen: To display full-screen video preview.

Record: To allow or disallow previewing records.

③ **Note:** X indicates the function is off or disabled.

3 Playback

⁽²⁾ **Note:** You have to insert a TF card first to access the full function display interface; otherwise, the system will only show you the simplified version.

Click on "Playback" to access the playback interface; click on the icon **Search**, select the date and time of videos to be retrieved, then click on the icon **Search**, the system will then search for the corresponding videos automatically, as shown in the following figure:





Start: Start the playback.

• Stop: Stop the playback.

- Slow: Slow down the playback speed (1/2, 1/4, 1/8, 1/16 times).
- **Fast:** Speed up the playback speed (2, 4, 8, 16 times).
- Snapshot: Take snapshots in a playback channel.
- Backup: Back up videos in a playback channel.
- Frame Play: Play by single frame.
- Full Screen: Play videos back in full screen.
- Solution: Noice: Adjust the volume of playback audio.

Double-click on the slider to play the video, or you may click the "Start" button to start playing the videos back.

4 File Management

⁽²⁾ **Note:** You have to insert a TF card first to access the full function display interface; otherwise, the system will only show you the simplified version.



4.1 Search

Input a concrete time, and click on the Search button, the lower part of the screen will display the searched images and videos. You may double-click on the searched results to access files you need.

© Note: You may modify the storage paths of the selected videos or images. A short description will be given below. For more details, please go to Setup → Local Settings.



4.2 Preview Snapshot

To review captured images from video preview; you may search for and double click to obtain images you need.

4.3 Playback Capture

To review captured images from video playback; you may search for and double click to obtain images you need.

4.4 Playback Backup

To retrieve video files; you may search for and view videos files.

4.5 File Capture

To review captured images from the file management interface; you may search for and double click to obtain the images you need.

4.6 Preview Videos

To preview videos recorded; you may search for and double click to access the videos you need.

4.7 SD Card Link Capture

To review snapshots from a SD card; you may search for and double click to access the videos you need.

4.8 Backup Video Play

- **Start:** Click on the 🕑 button to play a selected backup video.
- **Stop:** Click on the **I** button to stop playing the video.
- **Slow:** Click on the 🕙 button to slowly play the video back.
- Fast: Click on the 🕑 button to fast-forward the video.
- Frame: Click on the 🖾 button to play the video by frame.
- **Capture:** Click on the <a>D button to take a snapshot of the display during playback.
- **Voice:** Click on the ^(M) button to turn sound on or off during playback.

5 Parameter

[©] Note: You have to insert a TF card first to access the full function display interface; otherwise, the

system will only show you the simplified version.

ZKTeco	Live File F	Parameter Log Search Alarm 🔱		*	admin Logout
Device Information					
PTZ Settings					
Time Settings					
Audio Settings		Device Information			
Display Settings					
Encode Settings		Device Nam	e:		
ROI Settings		Device Typ	e: [PC		
Video Parameters		Serial N	o: [02d30123901a126324b8		
Motion Detection		Firmware Versio	n: V4.0.20181112		
Video Tampering		Hardware Versio	n: V4.0		
Privacy Mask		System Form	at PAL 20198		
Target Counting			Save		
Object Left/Lost					
Intrusion Detection					
Audio Exception					
Tripwire					
VQD					
Fire Detection					
Face Detection					
Network Settings					
Multicast Config					
DDNS Settings					
UPnP Setting					
Email Settings					
< CTD Cottinne >					

5.1 Device Information

Below is the Device Information interface of the IP camera:

ZKT				~		admin Logout
	Live	File	Parameter	Log Search	Alarm 👃	
Device Information						
PTZ Settings						
Time Settings						
Audio Settings					Device Information	
Display Settings						
Encode Settings					Device Name:	
ROI Settings					Device Type: PC	
Video Parameters					Serial No: 02d30123901a126324b8	
Motion Detection					Firmware Version: V4.0.20181112	
Video Tampering					Hardware Version: V4.0	
Privacy Mask					System Format: PAL 2049	
Target Counting					Save	
Object Left/Lost						
Intrusion Detection						
Audio Exception						
Tripwire						
VQD						
Fire Detection						
Face Detection						
Network Settings						
Multicast Config						
DDNS Settings						
UPnP Setting						
Email Settings						
ETD Cottinne						
`						

- **Device Name:** Edit the camera name.
- **Device Type:** Display the device type.
- Serial No: Display the product serial number.
- **Firmware Version:** Display information about the firmware version.
- Hardware Version: Display the version number of the hardware.
- Format System: Select between PAL and NTSC image scanning system.

5.2 PTZ Settings

Below is the PTZ Settings interface of the IP camera:



- **Protocol:** multiple protocols available.
- Address: 0-255 address codes available.
- Baud Rate: diverse baud available
- **Operation Method:** Connect the IP high speed dome at the A/B port; set a protocol and baud; then control the high-speed dome on the IPC preview interface.

After completing all parameters settings, click on "Save", then the settings will take effect immediately.

5.3 Time Settings

Below is the Time Settings interface of the IP camera:

ZKT				💄 admin Logout
	Live	ile Parameter Log	Search Alarm 💄	
Device Information				
PTZ Settings				
Time Settings				
Audio Settings			Time Settings	
Display Settings				
Encode Settings			Device Time: 2018-12-08 02:42:28 Timing PC	
ROI Settings			TimeZone: GMT+Us:00 Beijing	
Video Parameters			UNTE Pottione	
Motion Detection			Enable NTP	
Video Tampering			Server Address	
Privacy Mask			Interval: D Hour	
Target Counting				
Object Left/Lost			Save	
Intrusion Detection				
Audio Exception				
Tripwire				
VQD				
Fire Detection				
Face Detection				
Network Settings				
Multicast Config				
DDNS Settings				
UPnP Setting				
Email Settings				
FTP Settings				

- **Device Time:** Set and display the current time of the camera.
- **Time Zone:** Different time zones are available.
- **GMT:** Fine-tune the time.
- Enable NTP: Click to enable or disable NTP.
- Server Address: Input the IP address of the NTP server.
- **Interval:** Input the interval of time.

5.4 Audio Settings

Below is the Audio Settings interface of the IP camera:

767						💄 admin Logout
	Live	File	Parameter	Log Search	Alarm 👃	
Device Information						
PTZ Settings						
Time Settings						
Audio Settings					Audio Settings	
Display Settings					Audio Pennas Lino In	
Encode Settings					Insuit Volume: E0	
ROI Settings					(0+100)	
Video Parameters						
Motion Detection					Save	
Video Tampering						
Privacy Mask						
Target Counting						
Object Left/Lost						
Intrusion Detection						
Audio Exception						
Tripwire						
VQD						
Fire Detection						
Face Detection						
Network Settings						
Multicast Config						
DDNS Settings						
UPnP Setting						
Email Settings						
FTP Settings						

• Audio Source: Select the audio input mode between LineIn and MicIn.

- Input Volume: Set the input volume which ranges from 0 to 100; the default settings is 50.
- **Output Volume:** Set the output volume which ranges from 0 to 100; the default settings is 50.

5.5 Display Settings

Below is the Display Settings interface of the IP camera:

ZKT					
Live	File	Parameter Log Sea	irch Alarm 🐣		
Device Information					
PTZ Settings					
Time Settings					
Audio Settings		Display S	settings		
Display Settings			Name: EC220	Show	- 201 <mark>8 </mark> 1 % (0.4) 52
Encode Settings			Name: PC320	Carlon own	10320
ROI Settings		Main S	tream OSD: 48pt	×	
Video Parameters		Sub S	stream OSD: 24pt	V	
Motion Detection		Third S	stream OSD: 12pt	~	
Video Tampering				~	
Privacy Mask			MURIOSO:		
Target Counting			multout.		
Object Left/Lost				Show	
Intrusion Detection		1	TimeFormat: 24-Hour	✓ ØShow	
Audio Exception			DateFormat: YYYY-MM-DD	~	Name: Custom
Tripwire			Brightness: 5	~	
VQD			Contrast 5		
Fire Detection			-		MuttiOSD: Custom
Face Detection			saturation: o	•	Ţ 1 +
Network Settings			Hue: 5	د 🚬	OSD Color:
Multicast Config					OSD Font: SimSun
DDNS Settings				Save	
UPnP Setting					_
Email Settings					
FTP Settings					

- **Name:** Modify the appointed channel name.
- Main Stream OSD: Modify the appointed font of the OSD in main stream preview channel.
- **Sub Stream OSD:** Modify the appointed font of the OSD in sub stream preview channel.
- **Multi OSD:** Add a multi-user-defined OSD, which you may choose whether to display.
- **Time Format:** Select different time format for the appointed channel.
- **Date Format:** Select different date format for the appointed channel.
- **Brightness:** Adjust the brightness for the appointed channel.
- **Contrast:** Adjust the contrast for the appointed channel.
- **Saturation:** Adjust the saturation for the appointed channel.
- **Hue:** Adjust the hue for the appointed channel.
- **Name:** Set the location of the title for the appointed channel.
- **Date Time:** Set the location of the date for the appointed channel.
- Multi OSD: Set the position of multi OSD.
- **OSD Color:** Set the color of the OSD font.
- OSD Font: Select OSD font.

5.6 Streams

Below is the Streams setting interface of the IP camera:

ZKT		🙎 admin Logout
Live	le Parameter Log Search Alarm 🔱	
Device Information		
PTZ Settings		
Time Settings		
Audio Settings	Encode Settings	
Display Settings	Compression Main Stream	
Encode Settings		
ROI Settings	Bitrate Type: Composite Stream	
Video Parameters	Resolution: 1080P(1920*1080)	
Motion Detection		
Video Tampering	PPS: Full Prame	
Privacy Mask	Encode Type: H264	
Target Counting	Forcels level HighProfile	
Object Left/Lost		
Intrusion Detection	I Frame Interval: 25	
Audio Exception	Bitrate Type CBR	
Tripwire		
VQD	Birrane. 4 Mogs	
Fire Detection	Save	
Face Detection		
Network Settings		
Multicast Comg		
UDINS Settings		
Email Setting		
Email Securitys		
r ip setungs		

- Compression: Main stream/ Sub-stream/Third Stream
- **Bitrate Type:** Complex stream/ video stream.
- Resolution: Several resolutions available (Note: Based on the defaulted resolution of different products).
- **FPS:** Select different frame rates from the drop-down list; the default settings is "Full Frame".
- Encode Type : H.264/ H.265.
- Encode level: Main profile/ Baseline/ High Profile.
- I Frame Interval: Set the interval size of I frame.
- **Bitrate Type:** Constant/ variable.
- Bitrate: Set different bitrates for different channels (
 Note: Based on the defaulted resolution
 of different products)

After completing all parameters settings, click on "Save", then the settings will take effect immediately.

5.7 ROI Settings

Below is the ROI Settings interface of the IP camera:

ZKT		admin Logout
Live File Parameter	Log Search 🛛 Alarm 💩	
Device Information		
PTZ Settings		
Time Settings		
Audio Settings	ROI Settings	
Display Settings	0401-01-00.038/0-40	
Encode Settings	Area1: Enable: Level: 1	
ROI Settings	Area2. Fnable.	
Video Parameters		
Motion Detection	Ares3: Enable: Level 1	
Video Tampering		
Privacy Mask	Area4: Enable: Level: 1	
Target Counting	Clear	
Object Left/Lost	Save	
Intrusion Detection		
Audio Exception		
Tripwire		
VQD		
Fire Detection		
Face Detection		
Network Settings		
Multicast Config		
DDNS Settings		
UPnP Setting		
Email Settings		
FTP Settings		

• **ROI Settings:** On the preview window, hold the left mouse button and drag to set the ROI area.

There are a total of four ROI areas available. Click on Enable: I to set the corresponding ROI region coding level; the higher level the coding, the stronger the ROI region encoding.
 After completing all parameters settings, click on "Save", then the settings will take effect

immediately.

5.8 Video Parameters

Below is the Video Parameters interface of the IP camera:

ZKTECO	Live File Parameter Log Search Alarm 🕉	💄 admin Logout
Device Information		
PTZ Settings		
Time Settings		
Audio Settings	Video Parameters	
Display Settings	Day & Night Mode	
Encode Settings	Mode: Cotor V Razy, V	
ROI Settings	Switching Time : 0 (0-30)	
Video Parameters	DayNight Threshold: 00 (0-255)	
Motion Detection	NightCay Threshold [5 (0-25)]	
Video Tampering	Advanced Settings	
Privacy Mask		
Target Counting		
Object Left/Lost	VULN NODE UN U U Oarma	
Intrusion Detection	Bhread (22 Gamma: CURVE.2.0 V	
Audio Exception	White Balance Law V Power Frequency: Off	
Tripwire	Exposure Control Light Board Control	
VQD	AE algorithms. Gain frist. V Mode: Auto V	
Fire Detection	AGC Mid+ligh V Brightness 0 (0-100)	
Face Detection	Shutter: 1/30/1/25)	
Network Settings		
Multicast Config	Save	
DDNS Settings		
UPnP Setting		
Email Settings		
FTP Settings	٠ -	

 Day/Night Mode: Outside Trigger/ Auto/ Color/ Black White. The default setting of non-infrared IP cameras is "Auto", and the default setting of infrared IP cameras is "Outside Trigger". Users may set the Day/Night mode as needed according to the type of the IP camera and the actual application environment.

- Switching Time: Day & Night switch delay time which ranges from 0-30s; the default setting is 3s.
- **Day/Night:** ranges from 0 to 255. Users may set the value as needed; the default setting is 20.
- Night/Day: ranges from 0 to 255. Users may set the value as needed; the default setting is 35.
- Color Mode: Normal/ Bright/ Nature; the default setting is "Normal"
- Mirror: Off Horizontal Mirror/ Vertical Mirror/ 180° Rotation/90° Rotation/270° Rotation ; the default setting is "Off".
- WDR Mode: Off/ BLC/ WDR; the default setting is "Off".
- **3DNR:** Off/ Low/ Mid/ Mid-High/ High; the default setting is "Low".
- **Sharpness:** ranges from 0 to 255; the default setting is 128.
- **Defogging:** Off/ Low/ Mid/ High; the default setting is "Off".
- **Slow Shutter:** Off/On; the default setting is "Off".
- White Balance: Users may set the value of white balance. "Auto white balance" is suitable for normal light environment. Users may adjust the white balance mode from the drop-down list.
- **Exposure Control :** Auto/ manual; the default setting is "Auto".
- **AE algorithms:** Shutter first/ gain first; the default setting is "Shutter first".
- AGC: AGC can be set when the camera is automatically exposed. You may select from Low/ Mid-Low/ Mid/ Mid-High/ High; the default settings is "Mid-High". The larger the "Auto Gain" value, the better the sensitivity under low illumination, and the more obvious the noise will be.
- **Shutter:** You may set manual exposure; the value ranges from 1/25(30) to 1/10000.
- **Aperture:** Depending on the type of IPC lens, the aperture can be divided into manual aperture and auto aperture (**©Note:** based on the defaulted aperture of different products); and the lens can be divided into manual focus and vari-focus.
- **Gamma:** A total of four modules: CURVE_1_6, CURVE_1_8, CURVE_2_0, CsURVE_2_2; the default setting is CURVE_2_0.
- **Power Frequency:** There are three options: off, 50hz, 60hz; the default setting is "off".
- Light board control mode: There are three LED board control modes: off, manual, auto; the default setting is "auto".
- **Off mode:** The IR LED will not be turned on.
- **Manual mode:** The brightness of the LED board can be adjusted by manually changing the related parameters, and the value ranges from 1 to 100. The larger the parameter value, the brighter the IR LED.
- **Auto mode:** The brightness of the LED board can be adjusted automatically.

• **Brightness:** The brightness of the LED board can be set when the LED board control is under "Manual" mode. The value ranges from 1 to 100.

After completing all parameters settings, click on "Save", then the settings will take effect immediately.

5.9 Motion Detection

Below is the Motion Detection setting interface of the IP camera:

ZKTECO Live File Parameter	Log Search Alarm 🍓
Device Information	
PTZ Settings	
Time Settings	
Audio Settings	Motion Detection
Display Settings	Enable Sensibulty 6 V Week Mon V
Encode Settings	Area Paties
ROI Settings	Area Setting
Video Parameters	
Motion Detection	
Video Tampering	
Privacy Mask	
Target Counting	
Object Left/Lost	
Intrusion Detection	
Audio Exception	Period\$0_V_0_V0_V_0_VClear
Tripwire	Linkage Setting
VQD	Email: Alam Output:
Fire Detection	PTZ Preset0
Face Detection	
Network Settings	Save
Multicast Config	
DDNS Settings	
UPnP Setting	
Email Settings	
FTP Settings	

- **Enable:** Select whether to enable the Motion Detection function.
- **Sensitivity:** The higher the sensitivity, the more obvious the motion detective effect will be.
- Week: The protection time can be set from Monday to Sunday.
- Arming Schedule: Set up an arming period; you may set up to 8 time periods for a day.
- Area Setting: On the "Area Setting" preview interface, left-click and drag the mouse to set the area to be monitored.
- **Clear:** Click on "Clear" to clear the current controlled areas.
- **Email:** Click on "Email". Once an alarm is triggered, an email will be automatically sent to the appointed mailbox.
- **Snap:** Click on "Snap". Once an alarm is triggered, a signal will instantly be sent to the camera to take a snapshot and store it in the TF card.
- **Record:** Click on "Record". Once an alarm is triggered, a signal will instantly be sent to the camera to record a video and store it in the TF card.
- Alarm Output: There is an active alarm device inserted into the alarm output port. Once an IPC received an alarm signal, the IPC and other devices will set off the alarm.

- **PTZ:** Enable or disable PTZ function.
- **Preset:** When motion detection triggers an alarm, the alarm will link with the preset point.
- **Snap Interval:** Set the time intervals for taking snapshots.
- **Snap Number:** Set the number of snapshots taken each time.

5.10 Video Tampering

Below is the Video Tampering setting interface of the IP camera:



- **Enable:** Select whether to enable the video tampering function.
- **Sensitivity:** The higher the sensitivity, the easier to trigger the video tampering alarm.
- Week: The protection time can be set from Monday to Sunday.
- Arming Schedule: Set up a protection period; you may set up to 8 time periods for a day.
- Area Setting: On the "Area Setting" preview interface, left-click and drag the mouse to set the area to be monitored.
- **Clear:** Click on "Clear" to clear the current controlled areas.
- **Email:** Click on "Email". Once an alarm is triggered, an email will be automatically sent to the appointed mailbox.
- **Snap:** Click on "Snap". Once an alarm is triggered, a signal will instantly be sent to the camera to take a snapshot and store it in the TF card.
- **Record:** Click on "Record". Once an alarm is triggered, a signal will instantly be sent to the camera to record a video and store it in the TF card.

- Alarm Output: There is an active alarm device inserted into the alarm output port. Once an IPC received an alarm signal, the IPC and other devices will set off the alarm.
- **PTZ:** Enable or disable PTZ function.
- **Preset:** When video tampering triggers an alarm, the alarm will link with the preset points.
- **Snap Interval:** Set the time intervals for taking snapshots.
- Snap Number: Set the number of snapshots taken each time.

5.11 Privacy Mask

Below is the Privacy Mask setting interface of the IP camera:



- **Enable:** Enable or disable the Privacy Mask feature.
- Area Settings: Left-click and drag the mouse on the Area Settings preview interface for setting the mask area.
- **Clear:** Click on "Clear" to delete the current controlled area.

After completing all parameters settings, click on "Save", then the settings will take effect immediately.

5.12 Target Counting

Below is the Target Count setting interface of the IP camera:

ZKT					💄 admin Logout
	live File	Parameter Lo	g Search 🛛 Alarm 😸		
Device Information					
PTZ Settings					
Time Settings					
Audio Settings		Та	arget Counting		
Display Settings			Enable		
Encode Settings			krmina Schedule	Area Setting	
ROI Settings				A	
Video Parameters					
Motion Detection			Tue 0 0 0 - 23 59 5		
Video Tampering			Wed 2 0 0 - 23 59 V		
Privacy Mask			Thu 0 0 0 - 23 59 1		
Target Counting			Friz 0 v 0 v 23 v 59 v		
Object Left/Lost			Sat 🗹 0 🔍 0 🔍 - 23 🔍 59 🔍		
Intrusion Detection			Sun 0 0 0 - 23 59 1		
Audio Exception				Drawing Clear Swap AB	
Tripwire		F	Parameter Config		
VQD		Te	est line: 1		
Fire Detection		St	atistics: A->B: Increase Count	B->A: OIncrease Count ODecrease Count Ignore	
Face Detection		Fi	ow Count: Enable		
Network Settings		Int	terval: Djs		
Multicast Config		Tr.	tesnola: p		
DDNS Settings		Tie			
UPnP Setting		AL	arm Threshold: 0		
Email Settings		Та	arget Ratio : D (0-10000	0	
FTP Settings 🗸			inkage Setting		

- **Enable:** Enable or disable the target counting function.
- Arming Schedule: Arm schedule can be set from Monday to Sunday.
- Area Setting: Left-click and drag the mouse button to set the test line on the Area Settings preview interface, right-click to complete the setting, then the system will count the number of targets passing through the line.
- **Clear:** Click on "Clear" to delete all the test lines.
- **Swap AB:** Click on "Swap AB" to exchange position between A and B.
- Test Line: Add test lines (max. 4 test lines).
- Statistics: Set the test lines for targets passing through. There are two statistical methods: A→B and B→A.
- Flow Count: Enable or disable the Flow Counter feature.
- **Interval:** Set the counting time interval. When the counting time exceeds the time interval set, the flow counter will reset and enter next counting period automatically.
- **Threshold:** Set the upper count limit. When the value exceeds the set value, the system will automatically trigger the alarm.
- **Total Count:** Enable or disable the Total Counter function.
- **Time Period:** Set the effective time period for the day's total counter.
- Alarm Threshold: Set the upper limit of the total flow on a day. When the value exceeds the set value, the system will automatically trigger the alarm.
- **Target Ratio:** Set the size of an object which triggers the alarm. If there is an object, such as a mosquito or a leaf, whose size is smaller than the preset value enters the designated monitored area set by the user, no alarm will be triggered.
- Email: Click on "Email". Once an alarm is triggered, an email will be automatically sent to the

appointed mailbox.

- **Snap:** Click on "Snap". Once an alarm is triggered, a signal will instantly be sent to the camera to take a snapshot and store it in the TF card.
- **Record:** Click on "Record". Once an alarm is triggered, a signal will instantly be sent to the camera to record a video and store it in the TF card.
- Alarm Output: There is an active alarm device inserted into the alarm output port. Once an IPC received an alarm signal, the IPC and other devices will set off the alarm.
- **PTZ:** Enable or disable PTZ function.
- **Preset:** When target counting triggers an alarm, it will link the pre-sets.
- **Snap Interval:** Set the time intervals for taking snapshots.
- **Snap Number:** Set the number of snapshots taken each time.

After completing all parameters settings, click on "Save", then the settings will take effect immediately.

5.13 Object Left / Lost

Below is the Object Left/Lost setting interface of the IP camera:

ZKT	
Live File Parameter	Log Search Alarm 👵
Device Information	
PTZ Settings	
Time Settings	
Audio Settings	Object Left/Lost
Display Settings	Enable
Encode Settings	Armine Palendule Arm Palline
ROI Settings	Annung Scheuber Annung Scheuber Statistics (12:47)
Video Parameters	
Motion Detection	
Video Tampering	Wed V 0 V - 23 V 59 V
Privacy Mask	Thu 🔽 0 🔍 0 🔍 - 23 🔍 59 🔍
Target Counting	
Object Left/Lost	
Intrusion Detection	
Audio Exception	Drawing Clear
Tripwire	Parameter Config
VQD	Detect Area: 1 V Detect type : Object Los! V Object Ratio: 0 (0-10000) Detect Time : 0 (s)
Fire Detection	Linkage Setting
Face Detection	Email: Alarm Output:
Network Settings	PTZ: Preset0
Multicast Config	Save
DDNS Settings	
UPnP Setting	
Email Settings	
FTP Settings	

- **Enable:** Enable or disable the object detection function.
- Arming Schedule: Arming schedule can be set from Monday to Sunday.
- Area Setting: Left-click and drag the mouse button to set the detect zone on the Area Settings preview interface, right-click to complete the setting, then the system will detect, and monitor objects appeared in the selected area.
- **Clear:** Click on "Clear" to delete all zones.

- **Detect Area:** Add controlled zones (max. 4).
- Detect Type: Set the object detection type. There are three detection types, all of them are able to trigger the alarm. "Item lost" represents that the camera will trigger the alarm once it detects that an item originally in the monitored area is missing; "Item left" represents that the camera will trigger the alarm once it detects a new item in the detection area; "Item lost or left" represents that the camera will trigger the the camera will trigger the alarm once it detects a new item in the detects that an item is missing and/or a new item in the controlled area.
- **Object Ratio:** Set the size of an object which triggers the alarm. If there is an object, such as a mosquito or a leaf, whose size is smaller than the preset value enters the designated monitored area set by the user, no alarm will be triggered.
- **Detect Time:** Set the upper limit of item lost and item left. When it exceeds the set value, the system will trigger the alarm automatically
- **Email:** Click on "Email". Once an alarm is triggered, an email will be automatically sent to the appointed mailbox.
- **Snap:** Click on "Snap". Once an alarm is triggered, a signal will instantly be sent to the camera to take a snapshot and store it in the TF card.
- **Record:** Click on "Record". Once an alarm is triggered, a signal will instantly be sent to the camera to record a video and store it in the TF card.
- Alarm Output: There is an active alarm device inserted into the alarm output port. Once an IPC received an alarm signal, the IPC and other devices will set off the alarm.
- **PTZ:** Enable or disable PTZ function.
- **Preset:** When object detection triggers an alarm, it will link with the preset points.
- **Snap Interval:** Set the time intervals for taking snapshots.
- **Snap Number:** Set the number of snapshots taken each time.

5.14 Intrusion Detection

Below is the Intrusion Detection setting interface of the IP camera:

Live File Parameter	Log Search Alarm 🛔	🙎 admin Logout
Device Information		
PTZ Settings		
Time Settings		
Audio Settings	Intrusion Detection	
Display Settings	Fnable	
Encode Settings	Arming Schadula Area Setting	
ROI Settings	Mar Senny - 4015-18-55 UT (15:18	
Video Parameters		
Motion Detection		
Video Tampering	Wed 🗸 0 🗸 0 🗹 - 23 🗸 59 🗸	
Privacy Mask		
Target Counting	Friz 0 V 0 V - 23 V 59 V	
Object Left/Lost	Saty 0 v 0 v - 23 v 59 v	
Intrusion Detection	Sun 😢 0 🔍 - 23 🔍 59 🔍	
Audio Exception	Drawing Clear	
Tripwire	Parameter Config	
VQD	Detect Area: 1 🗹 Detect type : Target Entr 🗹 Object Ratio: D (0-10000) Detect Time : 0 (s)	
Fire Detection	Linkage Setting	
Face Detection	Email: Alarm Output:	
Network Settings	PTZ: Preset0	
Multicast Config	Save	
DDNS Settings		
UPnP Setting		
Email Settings		
FTP Settings		

- **Enable:** Enable or disable the area detection function.
- Arming Schedule: Arming schedule can be set from Monday to Sunday.
- Area Setting: Left-click and drag the mouse button to set the detect zone on the area settings
 preview interface, right-click to complete the setting, then the system will detect, and monitor
 objects appeared in the selected area.
- **Clear:** Click on "Clear" to delete all zones.
- **Detect Area:** Add controlled zones (max. 4).
- Detect Type: Set the target detect type. There are four detection types, all of them will trigger the alarm. "Target enter" represents that the camera will trigger the alarm once it detects that a target enters the monitored zone; "Target leave" represents that the camera will trigger the alarm once it detects that a target leave the zone; "Target enter or leave" represents that the camera will trigger the alarm once it detects that a target leave the zone; "Target enter or leave" represents that the camera will trigger the alarm once it detects that a target leave the zone; "Target enters and/or leave the zone. The last type is that the camera will trigger the alarm once it finds that the time that a target staying in the controlled area exceeds the upper limit of the set and allowed duration.
- **Object Ratio:** Set the size of an object which triggers the alarm. If there is an object, such as a mosquito or a leaf, whose size is smaller than the preset value enters the designated monitored area set by the user, no alarm will be triggered.
- **Detect Time:** When the staying time of the set target in the monitored area exceeds the set duration, the system will trigger the alarm.
- **Email:** Click on "Email". Once an alarm is triggered, an email will be automatically sent to the appointed mailbox.
- **Snap:** Click on "Snap". Once an alarm is triggered, a signal will instantly be sent to the camera to take a snapshot and store it in the TF card.

- **Record:** Click on "Record". Once an alarm is triggered, a signal will instantly be sent to the camera to record a video and store it in the TF card.
- Alarm Output: There is an active alarm device inserted into the alarm output port. Once an IPC received an alarm signal, the IPC and other devices will set off the alarm.
- **PTZ:** Enable or disable PTZ function.

5.15 Tripwire

Below is the Tripwire setting interface of the IP camera:

ZKTECO	Live	File	Parameter	Log Search Alarm &	admin Logout
Device Information					
Time Settings					
Audio Settings				Tripwire	
Display Settings				Enable	
Encode Settings				Arming Schedule Area Setting	
ROI Settings					
Video Parameters					
Motion Detection					
Video Tampering				Wed 0 0 0 - 23 0 9 0	
Privacy Mask					
Target Counting					
Object Left/Lost				Sati2 0 💙 0 🕎 - 23 🖤 50 🖤	
Intrusion Detection				Sun 🕼 0 🔍 1 🖓 - 22 🔍 59 💌	
Audio Exception				Drawing Clear Swap AB	
Tripwire				Parameter Config	
VQD				Detect Area: 1 💟 Detect type: A->B Alarm 💟 Object Ratio: 0 (0-10000)	
Fire Detection				Linkage Setting	
Face Detection				Email: Alam Output:	
Network Settings				PTZ Preset0 V	
Multicast Config				Save	
DDNS Settings					
UPnP Setting					
Email Settings					
FTP Settings					

- **Enable:** Enable or disable the virtual guard function.
- Arming Schedule: Arm schedule can be set from Monday to Sunday.
- Area Setting: Left-click and drag the mouse to set guard lines on the area settings preview interface, right-click to complete the setting. When a target passes through the guard line, the system will trigger the alarm.
- **Clear:** Click on "Clear" to delete all zones.
- **Swap AB:** Click on "Swap AB" to swap the positions of A/B ports.
- Detect Area: To add new guard lines (max. 4 guard lines).
- Detect Type: Set the guard lines to trigger the alarm. "A→B" refers to targets passing through the guard lines from area A to area B will trigger the alarm. "A←→B" refers to targets passing through the guard lines either from area A to area B or from area B to area A will trigger the alarm.

- **Object Ratio:** Set the size of an object which triggers the alarm. If there is an object, such as a mosquito or a leaf, whose size is smaller than the preset value enters the designated monitored area set by the user, no alarm will be triggered.
- **Email:** Click on "Email". Once an alarm is triggered, an email will be automatically sent to the appointed mailbox.
- **Record:** Click on "Record". Once an alarm is triggered, a signal will instantly be sent to the camera to record a video and store it in the TF card.
- Alarm Output: There is an active alarm device inserted into the alarm output port. Once an IPC received an alarm signal, the IPC and other devices will set off the alarm.
- **PTZ:** Enable or disable PTZ function.

5.16 Video Plan

Below is the Video Plan setting interface of the IP camera:

ZKT								🙎 admin Logout
	Live	Playback	File	Setup	Log	Alarm 島		
Disbiak Serunda								
Streams								
ROI Settings								
Video Parameters		Video Pla	D					
Motion Detection		Theorem 1						
Video Tampering				Video Mode: Time recor	rding+Alarm recording	~		
Privacy Zones			0 1 2 3	4 5 6 7 8 8	9 10 11 12 13 14	15 16 17 18 19	20 21 22 23 24	
Target Count		Mon						
Object Left/Lost		Tue						
Area Detection		Wed						
Audio Exception		Thu						
Line Crossing		Fri						
Smart Motion		Sat						
VQD		Sun						
Fire Detection				Pre Record: No PreRec	corded	~		
Face Detection				Post Record: 1min		×		
Plate Detection			Video Edg	e IP Address: 0.0.0.0				
Video Plan			Tips: Supp	ort 8 periods at most a da	ay !			
Network Settings					Save			

- Video Mode: Select a video mode. There are four modes available: Time recording + Alarm recording, Time recording , Alarm recording, No video.
- Week: Set the recording time from Monday to Sunday.
- **Pre Record:** Set pre-recording time.
- **Post Record:** Set the recording delay time.
- Video Edge IP Address: Enter the IP address of NVR or the server.

After completing all parameters settings, click on "Save", then the settings will take effect

immediately.

5.17 Network Settings

Below is the Network Settings interface of the IP camera:

ZKT			💄 admin Logout
	Live File Parameter Log Search Ala	Alarm 😹	
Device Information			
PTZ Settings			
Time Settings			
Audio Settings	Network Settings		
Display Settings	IPv4	UTTP Part 50	
Encode Settings	Static IP	DHCPO HTTPS Port 443	
ROI Settings	IP Address : 192.168.130.34	4 RTSP Port: 554	
	Subnet Mask: 255.255.25.0	RTSP Validation: HTTP-Base64 HTTP-Digest	
Video Parameters	Gateway: 192.168.130.1	RTMP Port 1935	
Motion Detection	Preferred DNS: 8.8.8		
Video Tampering	Alternative DNS: 8.8.4.4		
Privacy Mask	MAC: 00:1A:12:63:24:BI	/88	
Target Counting		Save	
Object Left/Lost			
Intrusion Detection			
Audio Exception			
Tripwire			
VQD			
Fire Detection			
Face Detection			
Network Settings			
Multicast Config			
DDNS Settings			
UPnP Setting			
Email Settings			

- IPV4: IP protocol version No. is 4.
- Static IP: The device IP address is permanent.
- **DHCP:** Enable DHCP, then the IP camera will obtain the IP address from the router automatically.
- IP Address: Input the corresponding numbers to change the IP address.
- Subnet Mask: Input the corresponding IP subnet mask.
- **Gateway:** Input the corresponding gateway address.
- **DNS 1:** IP address of the DNS server.
- **DNS 2:** Another IP address of the DNS server.
- **RTSP Port:** Access the device which needs to map RTSP with a domain name; the default port is 554.
- **RTSP Validation:** Choose a RTSP verification mode from Http-Base64, Http-Digest. After choosing and activating the corresponding RTSP verification mode, during playing RTSP real-time stream, RTSP validation operations need the user name and password for verification.
- **RTMP Port:** Domain name, which is used to access the device which needs to map RTMP; the default port is 1935.

After completing all parameters settings, click on "Save", then the settings will take effect immediately.

5.18 Management Platform

Below is the Management Platform interface of the IP camera:

ZKT									💄 admin
	Live	File	Setup	Log	Alar	n 👃 🗌			
Time Settings									
Audio Settings									
Display Settings									
Streams				Management	Platform				
ROI Settings				-					
Video Parameters				No.	Protocol	Status	Operation		
Mating Datastics				1	I8Register	Off	Modify		
Motion Detection				2	Device_ID	Off	Modify		
Video Tampering				3	GB28181	Off	Modify		
Privacy Zones									
Network Settings									
Management Platform									
Multicast Config									
DDNS Settings									
UPnP Settings									
Email Settings									
FTP Settings									
Alarm Input									
Exception									
User Management									
System Update									
Auto Reboot									

Users may activate or deactivate a protocol and modify the protocol information here.

5.19 Multicast Configuration

			🙎 admin Logout
re File Setup	Log Alarm 🔱		
	Multicast Config		
	Factor Mattered		
	Enable Molicast		
	Stream: Main Stream		
	Video		
	IP Address : [238.255.0.2		
	Port: [28080		
	11L: 255	-255	
	Audio		
	IP Address : 238.255.0.5		
	Port: 28080		
	TTL: 255)-255	
	Save		
	re File Setup	re File Setup Log Alarm ♣ Muticast Config Enable Muticast □ Stream: Main Stream ♥ Video IP Address: [238,255,0.2] Prot [20000] TTL: [255] Prot [20000] TTL: [255] TTL: [255	e File Setup Log Alarm S

Below is the Multicast Config interface of the IP camera:

Multicast configuration is disabled by default. By clicking on "Enable Multicast", users may set the IP address, port and TTL of main stream video/audio, sub stream video/audio.

5.20 DDNS Settings

DDNS is implemented through a dynamic domain resolution server. It requires a fixed IP address on of

the device running on the server. The DDNS setting interface of the IP camera is as shown below:



- Enable DDNS: Enable or disable DDNS function.
- **DDNS Type:** Select a DDNS server type from Dyndns, PeanutHull, NO-IP, 3322, and DnsDynamic.
- Status: Turn on or off the DDNS.
- Server Address: Input a server name, for example, dynupdate.no-ip.com.
- **Port:** Input a port. The default port is 80.
- User Name: Input a user name.
- **Password:** Input a password.
- **Confirm pwd:** Input the password again to confirm.
- **Domain:** Input the second domain.

After completing the parameters settings, click on "Save", then the settings will take effect immediately.

5.21 UPnP Settings

Below is the UPnP Settings interface of the IP camera:

761	·/				X	admin Logout
	Live	File	Parameter	Log Search	Alarm 👵	
Video Tampering						
Privacy Mask						
Target Counting						
Object Left/Lost					UPnP Setting	
Intrusion Detection					Enghia LIPhP	
Audio Exception					Interal Port Fytemal Port WAN IP Protocol Status Operation	
Tripwire						
VQD					Pada (Wittan)	
Fire Detection						
Face Detection						
Network Settings						
Multicast Config						
DDNS Settings						
UPnP Setting						
Email Settings						
FTP Settings						
Alarm Input						
Alarm Output						
Exception						
User Management						
System Update						
Auto Reboot						
Restore						
Local Settings						
Developer 🗸						

- **Enable UPnP:** Activate or deactivate the UPnP function. When it is enabled, the device can port mapping through the router.
- Add: User may add TCP/UDP protocol, set internal and external port.

5.22 Email Settings

Below is the Email Settings interface of the IP camera:

KTeco	Live File	Parameter Log Searc	ch Alarm 島	
Video Tampering				
Privacy Mask				
Target Counting			Email Settings	
Object Left/Lost			Constan Address	
Intrusion Detection			Sender Address.	
Audio Exception			Password	
Tripwire			NITE Prover	
VQD			SMTP Port 0	
Fire Detection			SSL Didentity Verification	
Face Detection			Borolver Address:	
Network Settings			Receiver Address:	
Multicast Config			Receiver Address.	
DDNS Settings				
UPnP Setting			Save	
Email Settings				
FTP Settings				
Alarm Input				
Alarm Output				
Exception				
User Management				
System Update				
Auto Reboot				
Restore				
Local Settings				
Developer				

- Sender Address: Input the email address of the sender.
- **Password:** Input the password of the outbox.
- **Confirm Pwd:** Input the password again to confirm.
- **SMTP Server:** Input the SMTP server address of the outbox.
- **SMTP Port:** Input the SMTP server port of the outbox.
- SSL/Identity verification: Tick SSL and Identity Verification to send the email

correctly and safely.

• **Receiver's Address:** Input the address of the inbox, fill in the address of the receiving email; you may fill in 3 other receivers' addresses.

After completing all parameters settings, click on "Save", then the settings will take effect immediately.

5.23 Alarm Input

Below is the Alarm Input setting interface of the IP camera:



- Alarm Input: Select the alarm input port, then check the box Handle : U to implement the following parameters settings.
- Alarm In Name: Input a name of an alarm.
- Trigger Level: Select the alarm status: Normally Open/ Normally Close.
- Arming Schedule: Arming schedule can be set from Monday to Sunday. You may set up to 8 schedules for a day.
- **Email:** Click on "Email". Once an alarm is triggered, an email will be automatically sent to the appointed mailbox.
- **Snap:** Click on "Snap". Once an alarm is triggered, a signal will instantly be sent to the camera to take a snapshot and store it in the TF card.
- **Record:** Click on "Record". Once an alarm is triggered, a signal will be transmitted to the camera to record a video and restore it in the TF card.
- Alarm Output: Click on "Alarm Output". There is an active alarm device inserted into the alarm output port. Once an IPC received an alarm signal, the IPC and other devices will set off the

alarm.

- **Snap Number:** Set the number of snapshots taken each time.
- **Snap Interval:** Set the time intervals for taking snapshots.
- **PTZ:** Enable or disable PTZ function.
- **Preset:** When a signal triggers the alarm, it will link with the preset points.

After completing all parameters settings, click on "Save", then the settings will take effect immediately.

5.24 Alarm Output

Below is the Alarm Output setting interface of the IP camera:

ZKT					Ă	admin Logout
	Live	File	Parameter	Log Search	Alarm 👵	
Video Tampering						
Privacy Mask						
Target Counting					Alarm Output	
Object Left/Lost					Alarm Outrat 1	
Intrusion Detection					Output Balay Status Normally Open	
Audio Exception					Output foldy States 58	
Tripwire						
VQD					2916	
Fire Detection						
Face Detection						
Network Settings						
Multicast Config						
DDNS Settings						
UPnP Setting						
Email Settings						
FTP Settings						
Alarm Input						
Alarm Output						
Exception						
User Management						
System Update						
Auto Reboot						
Restore						
Local Settings						
Developer 🗸						

- **Output Relay Status:** Normally Open/ Normally Close.
- **Output Delay:** Select alarm output delay time, which represents the corresponding output alarm delay time after the alarm stops triggering.

After completing all parameters settings, click on "Save", then the settings will take effect immediately.

5.25 Exception

Below is the Exception interface of the IP camera:

ZKT					ă a	dmin Logout
	Live	File	Parameter	Log Search	Alarm 💄	
Video Tampering						
Privacy Mask						
Target Counting						
Object Left/Lost					Exception	
Intrusion Detection					Evention Tune Network Disconnected	
Audio Exception					V Record V Alarm Output	
Tripwire					Prove	
VQD					000	
Fire Detection						
Face Detection						
Network Settings						
Multicast Config						
DDNS Settings						
UPnP Setting						
Email Settings						
FTP Settings						
Alarm Input						
Alarm Output						
Exception						
Eveter Undete						
Auto Reboot						
Restore						
Local Settings						
Developer						

- **Exception Type:** Network Disconnected/ IP Address Conflict.
- **Record:** Click on "Record"; when there is an abnormal event which triggers an alarm, the camera will start recording.
- Alarm Output: Click on "Alarm Output"; the system will link with other alarm devices when there is an abnormal event which triggers an alarm.

5.26 User Management

Below is the User Management setting interface of the IP camera. "admin" represents the administrator (default); "default" represents standard users.

747									🙎 admin Logout
		Live	File	Setup	Log	Alarm	8		
Streams	^								
ROI Settings									
Video Parameters									
Motion Detection					Lisor Managomont				
Video Tampering					Oser management			_	
Privacy Zones					Username	User Type	Operation		
Network Settings					admin	Admin	Modify		
Management Platform					guest	Guest	Modify Del Permission		
Multicast Config						Add	User		
DDNS Settions									
DDN'S Settings									
UPnP Settings									
Email Settings									
FTP Settings									
Alarm Input									
Exception									
User Management									
System Update									
Auto Reboot									
Restore									
Local Settings									
Developer	~								

• **Modify:** Admin may modify the login password; the default guest user may modify user type. New users may modify their user names, passwords and user types. New users may select a "Guest" or "Operator" account, and set different permission.

- **Del:** Delete a new user.
- **Rights Permission:** Permission assignment for default guest users and new users.
- Add User: Add a new user.

Log in with admin account, add a new user and assign permission, as shown in the following figure:

Remote PTZ	
Remote Playback	
Remote Parameter Settings	
Remote Log Query	
Remote Upgrade and Format	
Intercom	
Remote Preview	
Remote Reboot	

After completing all parameters settings, click on "Save", then the settings will take effect immediately.

5.27 System Update

Î

Below is the System Update setting interface of the IP camera:

7KT	👗 admini Lo	jout
	Live File Parameter Log Search Alarm 😸	
Video Tampering		
Privacy Mask		
Target Counting		
Object Left/Lost	System Update	
Intrusion Detection	File: JUZ	
Audio Exception	1007ade	
Tripwire	Tics To ensure the stability of the device is not recommended to updrate to the earlier version For	
VQD	special needs, please contact with manufacturer firstly/	
Fire Detection		
Face Detection		
Network Settings		
Multicast Config		
DDNS Settings		
UPnP Setting		
Email Settings		
FTP Settings		
Alarm Input		
Alarm Output		
Exception		
User Management		
System Update		
Auto Reboot		
Restore		
Local Settings		
Developer		

• File: Click on "Browse" to find and select an upgrade kit, then click "Update".

Do not disconnect the power supply during upgrade.

5.28 Auto Reboot

Below is the Auto Reboot setting interface of the IP camera. You may choose a maintenance mode

from Disable/ Every Day/ Every Week/ Once/ Every Month, then the IPC will reboot as set.

ZKT					💄 admin Logout
	Live	File	Setup	Log Alarm 👵	
Streams					
ROI Settings					
Video Parameters					
Motion Detection				Auto Reboot	
Video Tampering					-
Privacy Zones				Maintenance Mode: Disable	
Network Settings				Save	
Management Platform					
Multicast Config					
DDNS Settings					
UPnP Settings					
Email Settings					
FTP Settings					
Alarm Input					
Exception					
User Management					
System Update					
Auto Reboot					
Restore					
Local Settings					
Developer 🗸					

5.29 Storage Management

Below is the Storage Management setting interface of the IP camera. You may view the capacity (MB),

free spare (MB), status of the current TF card, and format the TF card.

⁽²⁾ **Note:** Please disconnect the power supply before you insert or remove the TF card.

ZKT							🙎 admin Logout
	Live	Playback	File	Setup	Log	Alarm 💄	
Plate Detection							
Video Plan							
Network Settings							
Management Platform			Store	ao Management			
Multicast Config			5010	ige management			
DDNS Settings			Inde	x Record Status Capac	city(MB) Free Space(ME	B) Status Type	
UPnP Settings				- 58	304 469	Normal Local HDD	
Email Settings					Format		
FTP Settings							
Alarm Input							
Alarm Output							
Exception							
User Management							
System Update							
Auto Reboot							
Storage Management							
Restore							
Local Settings							
Developer	/						

5.30 Restore

Below is the Restore interface of the IP camera:

ZK				👗 admin Logout
	Live File	Parameter Log Search Alarm 🐣		
Video Tampering				
Privacy Mask				
Target Counting				
Object Left/Lost		Restore		
Intrusion Detection			E	
Audio Exception			Export Coring	
Tripwire			Import Config	
VQD			Restore	
Fire Detection			Reboot	
Face Detection				
Network Settings				
Multicast Config				
DDNS Settings				
UPnP Setting				
Email Settings				
FTP Settings				
Alarm Input				
Alarm Output				
Exception				
User Management				
System Update				
Auto Reboot				
Restore				
Local Settings				
Developer 🗸				

- **Export Config:** Export all configurations to PC or a USB.
- Import Config: Import selected configuration to the system.
- **Restore:** Restore the device to factory settings.
- **Reboot:** Reboot the device.

5.31 Local Settings

Below is the Local Settings interface of the IP camera:



- Window Mode: Set the preview window mode (Full/ 4:3/ 16:9/ Original Image).
- **Preview Capture:** Select and modify the storage path of captured files.
- File Capture: Select and modify the storage path of captured files.
- **Preview Video:** Select and modify the storage path of the video record file.

- Face Pics Path: Select and modify the storage path of the video record file.
- **Preview Mode:** Realtime/ Fluency. The value is adjustable.

5.32 Developer

Below is the Developer interface of the IP camera:

ZKT								👗 admin Logout
		Live	File	Parameter	Log Search	Alarm 👃		
Video Tampering	^							
Privacy Mask								
Target Counting	_							
Object Left/Lost						Developer		
Intrusion Detection	_					Fachin Talact		
Audio Exception						Enable remet.		
Tripwire						Possword assess		
VQD								
Fire Detection						Save		
Face Detection								
Network Settings								
Multicast Config								
DDNS Settings								
UPnP Setting								
Email Settings								
FTP Settings								
Alarm Input								
Alarm Output								
Exception								
User Management								
System Update								
Auto Reboot								
Restore								
Local Settings								
Developer	~							

6. Log Search

Click Search on the Log interface, check device log according to the video type and date time, as

shown in the below figure:

ZKT									💄 admin Logout
		Live	File	Parameter	Log Search	Alarm 💄			
og Search	HDD		L	og Time		Main Type	Log Theme	СН	User Address
Main Tune All	1	2018-12-08 02:2	18:50		Alarm		Face Detection Alarm	1	
Start Time 2019 12 09	2	2018-12-08 02:2	16:54		Alarm		Face Detection Alarm	1	
Card Time 2010-12-00	3	2018-12-08 02:2	16:42		Alarm		Face Detection Alarm	1	
Deep No. 20	4	2018-12-08 02:2	16:36		Alarm		Face Detection Alarm	1	
Page No. 20	5	2018-12-08 02:2	16:30		Alarm		Face Detection Alarm	1	
Search	6	2018-12-08 02:2	6:29		Alarm		Face Detection Alarm	1	
	7	2018-12-08 02:2	16:23		Alarm		Face Detection Alarm	1	
	8	2018-12-08 02:2	16:13		Alarm		Face Detection Alarm	1	
	9	2018-12-08 02:2	16:06		Alarm		Face Detection Alarm	1	
	10	2018-12-08 02:2	25:44		Alarm		Face Detection Alarm	1	
	11	2018-12-08 02:2	15:32		Alarm		Face Detection Alarm	1	
	12	2018-12-08 02:2	15:26		Alarm		Face Detection Alarm	1	
	13	2018-12-08 02:2	25:19		Alarm		Face Detection Alarm	1	
	14	2018-12-08 02:2	15:14		Alarm		Face Detection Alarm	1	
	15	2018-12-08 02:2	25:04		Alarm		Face Detection Alarm	1	
	16	2018-12-08 02:2	24:21		Alarm		Face Detection Alarm	1	
	17	2018-12-08 02:2	24:15		Alarm		Face Detection Alarm	1	
	18	2018-12-08 02:2	2:35		Alarm		Face Detection Alarm	1	
	19	2018-12-08 02:2	2:29		Alarm		Face Detection Alarm	1	
	20	2018-12-08 02:2	10:26		Operat	ion	Remote Login		192.168.130.117
								Total 26	Records Current 1 Page Page Down End Page Skip To

- Main Type: Select the type of logs to search for. You may choose among All/ Alarm/ Exception / Operation/Parameter or click "All" to search all types of logs.
- Start Time/ End Time: Select the time period of logs to check.
- **Page No.:** Select the number of logs to display on each page.

After completing all settings, click on "Search", then the log information will display on the left.

7 Alarm

Below is the Alarm interface of the IP camera. Information about alarms will be shown as follows.

Live	File	Parameter	Log Search Alarm 8	dmin Logout
			Atem information	
			1 Face Detection 2019-12-00 11:01:23 2019-12-00 11:03:00 5tep	

8 Exit

Click on "Logout" to log out, as shown in the following figure:

