

# IPC&PTZ debug method

Daikon 12/10/2017



## Intallation







## Bracket



## **Intallation Method**



#### SEC 01 Bracket





Fix dome&Mini Dome

#### SEC 01 Bracket





# SEC 02





#### SEC 02 PTZ Install





# Search Tool







## **Download Search tool**



## **Use Search tool**



#### SEC 01 Download Search tool

#### Tiandy 视界为世界 Vision For World

#### http://en.tiandy.com/dlcat/sdk-tools/



#### SEC 02 Use Search tool

#### Tiandy 视界为世界 Vision For World

<u>SearchConfigTool</u>

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2	IPC/PTZ	1	10.30.10.31	3000	80	255.255.255.0	10.30.10.1	00:50:C2:28:2A:2C	692913	* e
3	IPC	1	10.30.10.32	3000	80	255.255.255.0	10.30.10.1	00:50:C2:4A:93:ED	2280	* e
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# Login IPC&PTZ







## Web type



Login IPC&PTZ



#### SEC 01 Web type



#### Web 5.0

Tiandy		English
User Name	admin	
Password		
Port	3000	
	Login	
	Login	

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#### SEC 02 Login device



Tiandy		English	*
User Name	admin		
Password Port	3000		
	Login	1	

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Default IP:192.168.1.2 user: admin password: admin



## Image adjustment







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				> Image			
				Enhancement			
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admin 🕞 ?

## Meaning of brightness

Brightness - The higher the value, the brighter the image, but may be exposed.



### Meaning of saturation

Saturation - Color intensity, when saturation is 0, the image become black and white







# We can adjust SmartIR and Shutter at this interface

## Meaning of BLC

• BLC- Increase the brightness of the whole image.



Turn off BLC



Turn on BLC

## Meaning of WDR

Use WDR in backlight environment, background darker and brighter prospects



## Meaning of shutter

- the faster shutter speed, the moving target appears "frozen";
- the slower, the image has a tail.



expossure shutter 1/160 seconds



expossure shutter 1/80 seconds



expossure shutter 1/8000 seconds



expossure shutter 1/5000 seconds

### **Meaning of smart IR**

The following image shows off Smart IR on the left and Smart IR on the right.



## Meaning of HLC

The left image is to close High Light Control, and the right image is to enable High Light Control.



# **IPC Setting**









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		1) Click the plotting	e left mouse button to add infl	ection point during t	the						
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tripwire perimeter

- For boundary, perimeter, wall, fence, forbid alarm.



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Registration Center	IP Filter		ii vo Addrood	1000200.0211.1	020.2000					
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		Flash	%		

## Summary

- 1, The default configuration is recommended
- 2, Commonly used scenarios, follow the PDF template configuration
- Special scenarios are configured according to debug methods





General scene

special scene



## How to use PTZ





#### **Basic debugger –Control manually**

Difference between IPC and PTZ



## Tiandy Smart PTZ Camera 3D locate funtion

#### **Basic debugger –Control automatically**

#### Difference between IPC and PTZ



- Standby action: set preset and automatically return to this position after PTZ leaves the preset position.
- Time run : refers to the seted time, link your seting action. Start a cruise mode in the morning and start a different cruise mode in the afternoon.

**Basic debug method of PTZ** 

# **Basic debug method of**

PTZ

Outdoor active defense Indoor white light warning





PTZ

Mini Dome

## New product: AEW PTZ AND MINI PTZ

## **Basic debugging**

the auto action preset cruise scan pattern



## **Basic debugging**

#### Tiandy

Live View	Playback	Log	Configuration				(8) admin (6) LOGOUT	0
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▶ OSD		V ditter vise		Scan No.	1	Call		
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## **Basic debugging**

#### Set standby action - one key watching (preset)

Live View-> one-key keeping watch: record the current position as standby position, and PTZ will automatically return to the position when it has no manual operation for 30 seconds.







- 1, 5 AEW plan
- 2、Self-defining plan: plan setting ->

interlocking linkage -> cruise setting

### **Basic debug**

#### **AEW Settings - quick operation, screen capture show as below**

Audio Video Set

Dome Set

✓ Early-warning Setting

Plan management

► VCA

▶ OSD

Storage Management

Network Management

User Management

Alarm Management

PTZ Management

Advance Set

#### Plan management



Start to Draw

Zoom Focus Iris Line Clear

#### Enable

Plan1(white light activation)

Plan2(Activate white light , single warning voice)

Plan3(Activate laser, cycling warning voice)

Plan4(Activate laser, white light, cycling warning voice)

Plan5(Activate multi-level sound and light warning)

🕐 Customize

Save

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### **Basic debug**

#### **AEW settings - quick operation, three-step operation**

Step 3: save the Settings and switch to the "preview" page to see video

**Step 2: select the appropriate plan in the plan list** 

#### **Step 1: activate the alert plan**



### **AEW setting**—Quick plan

#### AEW setting—Plan 5

#### 🗸 Enable

Plan1(white light activation)

Plan2(Activate white light , single warning voice)

Plan3(Activate laser, cycling warning voice)

Plan4(Activate laser, white light, cycling warning voice)

Plan5(Activate multi-level sound and light warning)

Customize

Save

Plan 5 supports the two kinds of alert mode of illicit

and early warning

#### **AEW setting—Custom action**

#### **AEW setting - Custom AEW operation procedure**

1. Enable the alert plan and select custom mode;

2. Check the rules to be valid, can set more than one rule, enable the cloth defense, set up the time of

cloth defense, and click the application;

3. Set linkage type (alarm output, video, snapshot, sound, laser, white light, linkage tracking);

4. Through control way and zooming to adjust the scene, draw the warning area, and click save

5. Click next to enter the cruise list to add the scene

#### **PTZ debug method**

Link Auto-tracking

## Tiandy Smart AEW PTZ Camera Guard Alarm Trigger Auto-tracking

### **PTZ debug method**

Mini PTZ: How to link white light with AEW at night

#### Three steps

First: alarm management - moving alarm Second: enabling – alarming setting Third: linkage type - linkage double light



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### **PTZ debug method**

Mini PTZ: built-in MIC, how to set the audio input?

Audio and video set - audio set - audio control type Other parameters have no special needs, use default

## PTZ debug method

#### Audio Set

Audio Encoding	G.711A 🔻	
Audio Sample Rate	32kHz ▼	
Audio Control Type	LineIn	
Volume Value		50
Audio Denoising		1
Audio output type	Built-in speaker 🔹	
Volume Value		50
	Save	

### **PTZ debug method--Tips**

1. Support full screen for PTZ, focus control, very easy to use; The up/down/left/right ADWS\I change +K -\J focus -/L focus +.

2. Support preset position search function.

3. Laser manual switch.