

Tiandy lechnologies Co., Ltd.

# How to time a camera

Description: this document will show you how to time a camera

Note: Spark series & Super lite series camera don't have RTC chip , so each time when camera power on need to be timed

## Section 1: Time camera at camera's website

#### 1. Manual setting

- 1.1Click following step : Configuration > System > Manual
- 1.2Local Time is showing the current computer time
- 1.3Click the Set button to set computer time to camera.

Tiandy	Live View	Playback	Log	Configuration				TC-C32WP SPEC:I5W/E/Y/2.8	mm/V4.2	(2) admin	۱ (Ð
Basic Set	Time										
Audio Video Set											
Network	2822/12/28 1	15:31:53	Owned	1 Region	(GMT+08:	00)Beijing	Urumchi,Singap	~			
Event Schedule				Synchronization time	Manual	ONT	P				
Smart surveillance	_			Local Time	2023-03-0	5 13:48:2	r.	Set			
Storage	_				Onvif tin	ning allow	werd				
System		V				ang anor	i du				
System				Daylight-Saving Time	Enabled						
Users				Start Time	Jan	~	Last	~			
Maintenance								Obtain			
					Sun	~	00	V Clock			
				Stop Time	Jan	~	Last	~			
	_		12	-	Sun	~	00	~ O'clock			
				DST Bias	30min			~			
					Save		Cancel				
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## 2. NTP

1.1Click following step : Configuration > System > NTP.

1.2Input NTP Server address, our default address is time.windows.com.

Note: if you want use default setting, you need to make sure the camera is connected to Internet already.

1.3Input port.

1.4Input Time Interval, our default setting is 1440mins (1Day)

1.5After the above step, you can use test to try if the camera connect the NTP Server successfully.

Note: If you enable Onvif timing allowed, camera can be timed by 3rd part NVR device.

Tiandy	Live View	Playback	Log	Configuration				TC-C32WP SPEC:15W/E/Y/2.8mm/V4.2
Basic Set	Time							
Audio Video Set				de la companya de la				
Network	2623-63-65 13	55-58	Chun	el 1 Region	(GMT+08:00)Be	ijing,Urumchi,Sin	gap 🗸	
Event Schedule		9		Synchronization time	O Manual	NTP		
Smart surveillance	_			NTP Server	time.windows.c	om		
Storage	_	V		Port	123		=	
System					000000		=	
System				Time Interval(minute)	1440			Test
Users					Onvif timing	allowed		
			6	Start Time	Jan 🗸	Last 00 Last	> > >	O'clock
					Sun 🗸	00	~	O'clock
				DST Bias	30min		~	
					Caua	Cancel		
					Save	Gancer		

#### Section 2: Time camera at NVR

## 1. Manual setting

- 1.1 Method 1: When the NVR add camera at the first time, NVR will time camera.
- 1.2 Method 2: If camera's time not right, you can try to reconnect camera to set time.
  - 1.2.1.1 IE: Enter Configuration> Digital Channel> Digital Channel
  - 1.2.1.2 Forbidden and then enable channel

		IP /	Address		Protocol Type	Chn No.	Add status	Activation st	MAG	C	Edit	Add	
		192.1	68.23.97	7	Private	1		Activated	51:48:AD:4	B:EC:8C	Edit	Add	~
		192.1	68.23.21	7	Private	1		Activated	3C:DA:6D:0	00:15:C6	Edit	Add	
		192.1	68.23.21	8	Private	1		Activated	3C:DA:6D:0	00:15:C0	Edit	Add	
		192.1	68.23.10	6	Private	1	Added	Activated	3C:DA:6D:0	)B:AF:85	Edit	Add	
		192.1	68.23.10	6	Private	2	Added	Activated	3C:DA:6D:0	)B:AF:85	Edit	Add	
		192.1	68.23.22	0	Private	1		Activated	00:50:C2:2	8:DC:78	Edit	Add	
		192.1	68.23.21	2	Private	1		Activated	3C:DA:6D:0	00:15:B8	Edit	Add	
		192.1	68 23 21	Л	Private	1		∆ctivated	30.04.60.0	00.12.BQ	Edit	Δdd	
	Stop	A	dd	Customize	. Quick Add	Advance	Set	Display a	and Screen	IPv4	AI		-
	Cha	Camera	Conne	ction Status		Attribute		Protocol Type	e State	Modify	Cloud Up	. Restart IPC	b
	2	Channel 1	0	n Line	19	2.168.16.221:	1	Private	Enabled	Modify	Cloud Up	. Restart IPO	2
	3	Channel	0	n Line	19	2.168.15.241:	1	Private	Enabled	Modify	Cloud Up	. Restart IPO	D
	4	Channel 1	0	n Line	19	92.168.23.106:	1	Private	Enabled	Modify	Cloud Up	. Restart IPO	2
	5	Channel 2	0	n Line	19	92.168.23.106:	2	Private	Enabled	Modify	Cloud Up	. Restart IPO	5
	7	Channel 1	0	n Line	19	92.168.16.222:	1	Private	Enabled	Modify	Cloud Up	. Restart IPO	2
	8	Channel 2	0	n Line	19	92.168.23.236:	2	Private	Enabled	Modify	Cloud Up	. Restart IPO	C
	9	Channel 1	0	n Line	19	92.168.23.236:	1	Private	Enabled	Modify	Cloud Up	. Restart IPO	0
F	Remove	•											

1.2.2.1 UI: Enter Cameras > Channels



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1.2.2.2	Forbidden	and then	enable	channel

hannels itream Setting 'hree Smarts Setti						100	orage 5			System M		
tream Setting hree Smarts Setti												
		Config	IPC Central Man	agement								
	IP Addres		Modify I							AC Address		
	192.168.1	.28					Private		0	0:50:C2:25:17:93		
ideo Setting	192.168.1						Private		3	::DA:6D:15:CD:A1		
	192.168.1	.54					Private		0	0:50:C2:28:15:FD		
	192.168.1						Private		3	:DA:6D:13:BE:D4		
lotion	192.168.1						Private		D	1:E8:A1:64:BF:54		
lask Alarm	192.168.1	5.20					Private		0	0:50:C2:28:14:03		
	192.168.1	5.21					Private		0	0:50:C2:19:13:14		
larm Input	192.168.1	5.22					Private			0:50:C2:28:23:5E		
	Faarch	Add	Outek Add	Customia					1Dv4	All		
TZ Setting	Added Device	5		Custonia		criable 3	+ (mar acces	ara m anapira)		Channel Co	ode	
										Destand		
	Channel	Chappel 1	Connect S	admin	Edit	Delete	Enable	Attribute		Private		
		Channel 2		admin			لنصبا	192 168 15 175 - 03		Private		
	03	Channel 1		1111				192 168 23 118 . 01		Private		
		Channel 7						192 168 23 118 - 0		Private		
	05	Channel 1-192 168		000011111				192 168 15 241 - 01		Private		
	06	Channel 1		1111				192 168 16 221 : 01		Private		
	07	Channel 1		admin1111				192 168 16 222 - 01		Private		
		Channel 1		auminter				192.100.10.222.0		Filvate		
	Delete											
				Bandwid	th Balance					Bac		
										Back		

Method 3: When NVR's time changed, NVR will time camera 1.3 immediately, So we can time NVR to time camera 1.3.1.1 IE: Click "Configuration >System>System" to enter the time interface

1.3.1.2 Click set to set PC's time to NVR

Local Time 2021-01-28 14:05:59 Set     NTP Server time.windows.com   Port 123     Time Interval(minute) 1     Daylight-Saving Time Enabled   Start Time Jan   Jan Last   V 00   O'clock   Stop Time Jan   Sun 00   O'clock   DST Bias 30min   Save Cancel	Region	(GMT+08:00)Beijing	),Urumchi,Sing	ap 🗸		
NTP Server time.windows.com Pot 123 Time Interval(minute) 1 Daylight-Saving Time Enabled Start Time Jan V Last V Sun V 00 V O'clock Stop Time Jan V Last V Sun V 00 V O'clock DST Bias 30min V	Local Time	2021-01-28 14:05:5	59		Set	
NTP Server time.windows.com Port 123 Time Interval(minute) Daylight-Saving Time Enabled Start Time Jan V Last V Sun V 00 V O'clock Stop Time Jan V Last V Sun V 00 V O'clock DST Bias 30min V Save Cancel						
Port 123 Time Interval(minute) 1 Daylight-Saving Time Enabled Start Time Jan V Last V Sun V 00 V O'clock Stop Time Jan V Last V Sun V 00 V O'clock DST Bias 30min V	NTP Server	time.windows.com				
Time Interval(minute) 1 Daylight-Saving Time Enabled Start Time Jan V Last V Sun V 00 V O'clock Stop Time Jan V Last V Sun V 00 V O'clock DST Bias 30min V Save Cancel	Port	123				
Daylight-Saving Time Enabled Start Time Jan V Last V Sun V 00 V O'clock Stop Time Jan V Last V Sun V 00 V O'clock DST Bias 30min V Save Cancel	Time Interval(minute)	1				
Daylight-Saving Time Enabled Start Time Jan V Last V Sun V 00 V O'Clock Stop Time Jan V Last V Sun V 00 V O'clock DST Bias 30min V Save Cancel						_
Start Time Jan V Last V Sun V 00 V O'clock Stop Time Jan V Last V Sun V 00 V O'clock DST Bias 30min V Save Cancel	Daylight-Saving Time	Enabled				
Sun 00 O'clock   Stop Time Jan Last   Sun 00 O'clock   DST Bias 30min V   Save Cancel	Start Time	Jan 🗸	Last	$\checkmark$		
Stop Time Jan V Last V Sun V 00 V O'clock DST Bias 30min V Save Cancel		Sun 🗸	00	$\checkmark$	O'clock	
Sun  00  O'clock      DST Bias  30min      Save  Cancel	Stop Time	Jan 🗸	Last	$\checkmark$		
DST Bias 30min  Save Cancel		Sun 🗸	00	$\checkmark$	O'clock	
Save Cancel	DST Bias	30min		$\checkmark$		
		Save	Cancel			
			Ganoor			



1.3.2.1 UI: Click "System Setting > General Setting > Time Setting to enter the time interface

Tiandy	Playback	Backup	دی Alert Ma	<del>الل</del> ا VCA	Cameras	🔳 Storage	Alarm Se	System S	X System	<b>4</b> ()
General Setting										
Network Setting	Basic Setting	ime Setting P	an Setting							
Preview Setting	Time Zone			(GMT+08:00)8	Beijing,Urumch	ii,Singapore				
Disk Management	Time Forma			vvvv/mm/dd l	h:mm:ss					
Error Management	Time			2020-03-13		5:05:10	©			
Other Setting	The dayl	ight saving tim	ie is enabled.							
	StartTime		n 🗸 First	✓ Sun		00 🗸 Oʻclock				
	StopTime		1 👻 First	<ul> <li>✓ Sun</li> </ul>		00 🧹 Oʻclock				
	DST Bias									
	- NTP Setting									
	IP Address			0.0.0.0						
	Port Setting			123						
	Interval(Min	ute)		60						
									Back	

1.3.2.2 Set time and apply to set time Manually.

#### 2. Automatic setting

- 2.1.1 IE: Enter Configuration-> System -> Maintenance to enter the page of maintenance, as shown in the figure below.
- 2.1.2 Set IPC timing, choose a time, NVR will time camera at that time automatically

Device Control							-
	Factory Defa	ult					
	Reboot						
	Shutdown						
	Open Telne	et					
Configuration In/Out							_
Files (*.box)							
	Browse	Import	Expor	rt			
	Note: User need t	to manually inp	out new IP to	o login ag	gain whe	n IP address	5
IPC Parameter Files(*.xls)	Note: User need t changed. Browse	to manually inp	Expor	o login ag	gain whe	n IP addres	S
IPC Parameter Files(*.xls) Log Level	Note: User need to changed. Browse	Import	Expor	rt	ion 🗌 O	n IP address	S 
IPC Parameter Files(*.xls) Log Level Auto Maintenance	Note: User need t changed. Browse	Import	Expor	rt I Operat	jain when	ther	S 
IPC Parameter Files(*.xls) Log Level Auto Maintenance Restart Time	Note: User need to changed. Browse System V Never V	Import	Expor	rt	jain when	ther	S 
IPC Parameter Files(*:xls) Log Level Auto Maintenance Restart Time IPC timing	Note: User need t changed. Browse System V Never V	Import	Larm	rt	jain when	n IP address	S 
IPC Parameter Files(*.xls) Log Level Auto Maintenance Restart Time IPC timing School time	Note: User need to changed. Browse System V Never V Every wee	Import Warning A	Larm	rt	ion C	ther	S 

