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How to make and import https certification

Description: this document will show you how to make https certification, and

import it at camera & PC

Prerequisites: Need you install latest version search config tool at your PC

Section 1 Make a https certification

Step 1 Click Tool > Https certificate

SearchConfig ⁻	Tool V2.	0					€ Refresh	🖆 Tool 👻 🕴 🕲 Lange	lage 👻	🛛 Help 👻 👘	- • ×
Device Operation	• All O IPC/P		/XVR	Devi	ce Model All		 Kernel Version 	SDV Conversion Tool	are Version	All	•
Device Operation Login Login Logout Reboot Device Forgot Password Restore Default Upgrade Device Export List	All O IPC/P No.	TZ () NVR	Ω//R Status	Devi	ce Model All Channels	Code	Kernel Version Device h	SDV Conversion Tool Clean IE Plugin Player Https certificate System Configuration	re Version S/N	All	- Ke
Device Setting •	Device: 0 Curre	ent display:	0 Count: 0			_		Please ent	er search con	tent	

Step 2 Make root certificate

Https certificate			×		
Root Certificate	Certificate ID*	test1			
Equipment certificate	Public key length	2048	•		
	Country*	CN			
	Domain Name*	TEST.COM			
	Validity*	180	day		
	Province/state				
	Region				
	organization				
	Unit				
	E-mail				
	Prompt: Only characters can be e	entered for country name, su Generate	ıch as CN.		

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Note: need to noticed, the certificate ID will be the name of certification

Step 3 Make Equipment certificate

3.1 select the root certification

Тур	Https certificate						×	S/	N
′PTZ	Root Certifica Equipment ce	ate ertificate	Root Certificat Certificate ID* Public key leng Country*	e)th	2048	Select		35429C3	3135A
(Select File $\leftrightarrow \rightarrow \checkmark \uparrow$	늘 « re	source > Certificatio	on	~ C	在 Certific	ation 中搜	索	× م
ŀ	组织▼ 新建文件	夹					≣ •		0
	 ↓ 此电脑 ↓ 视频 ↓ 配片 ↓ 下载 ↓ 下载 ④ 音乐 ↓ windows (C:) → Data (D:) → WINPE (E:) 	-	名称 词 test1.crt	~	修改日期 2023/5/5 2	21:48	安全证书		大
dis	*	文件名(<u>N</u>):	223434.crt		~	*.crt 打开(<u>C</u>	0	取消	

3.2 Input information, need to noticed the certificate ID must be different from the fist certification's password

And for the ip segment, you need to input camera's segment

Https certificate			×
Root Certificate Equipment certificate	Root Certificate	ertification/test1.crt Select	
	Certificate ID*	test2	
	Public key length	2048 🗸	
	Country*	CN	
	IP Segment *	192.168.1	
	Validity*	180 day	
	Province/State		
	Region		
	organization		
	Unit		
	E-mail		
	Prompt: Only characters can be a segment format is 192.168.1.	entered for country name, such as CN. T Generate	he IP



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Then the certification is finish

🛐 test1.crt	2023/5/5 21:48	安全证书	3 KB
test2.pem	2023/5/5 21:53	PEM 文件	5 KB

Section 2 Import certification to camera and PC

Step 1 Click configuration > Safety management > Certificate management



Step 2 Click import and choose the certification, then import it

Certificate import ×								
Certificate ID Server/Client Certificate	test	Browse						
 ○ 打开 ← → ~ 个 	Security > SearchConfig Tool V2.0 > reso	ource > Certification						
组织 ▼ 新建文件夹								
🔀 图片 🔹 🖈	名称	修改日期						
2023-03	🗋 test2.pem	2023/5/5 21:5:						
2023-04								
늘 计划,进度,模板,已								



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Certificate management Authentic			tion type	Session tir	ned out					
0	Server/Client Certificate									
	Certificate ID	Effective	start time	Effective d	eadline	Certificate status	Use function	Operation		
Í	default	2021-07-1	5 05:04:04	2038-01-19	11:14:07	Normal	HTTPS,SRTP			
1	test	2023-05-0	5 13:53:57	2023-11-01	13:53:57	Normal		Delete		

Step 3 Go back to Configuration > Advanced Set > HTTPS page, then choose the certification which you import before Then device's part is finish

Tiandy	Live \	/iew	Playb	ack	Log	Co	onfiguration				TC-C35V	VS SPEC:15/E/Y/M/H/4mm/V
Common Settings		IP Filter	Email	PPPoE	Multicast	QoS Settings	802.1x	Access Platform	Register Center	HTTPS	SRTP	SNMP
Audio Video Set												
Network				Enabled								
Basic Set		Server	certificate	default		~						
Advanced Set				default								
Safety management				test Save	Can	cer						
Event Schedule												
Smart surveillance												
Storage												
System												

Step 4 install certification at PC

○ S称 ■ test1.crt	特次日期 英型 大小 2023/5/5 21:48 副 延ち	欢迎使用证书导入向导 ×
test2.pem	2023/5/5 21:53 繁成 详细信息 证书描述	该向导可转散你将证书。证书信任判策和证书用纳列表从藏藏契制到证书存储。
	建卡伐德 此 Ca 模目等还非不变统任、要应用综任、请称该正书安装 任的每还书表来机构"存储区。	由证书或发机与或发的证书是对你是任的确认。它包含用来保护数据或建立安全网络连续的信息"管督"。 证书存储量保存证书的影响区域。
	\sim	存储位置 回約用户(C)
	SIRVER TEST.COM	○(本地計算机(小) 単主"下一步"復成。
	NOTELA 2010/05 10 2023/11/1	
	安陵证书() 1	

← 🖉 证书导入向导



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		○課 证书 × 常規 详细信息 证书路径
		○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○
证书存储 证书存储是保存证书的系统区域。		· · · · · · · · · · · · · · · · · · ·
Windows可以自动选择证书存储,你也可以 ○ 根据证书规型,自动选择证书存储(U) ● 将所有的证书都放入下列存储(P)	ちば半指定一个位置。	() (1) (1) (1) (1) (1) (1) (1) (1) (1) (
证书存备:	 ○ 个人 ○ 医信任分析医士物医皮引起 ○ 建立工商任 ○ 中向正士が反対内為 → 愛信在分泌布着 	御史者: TESICOVI 确定 有效期从 2023/5/5 到
		安装证书(I) 须发者说明(5)
	下—页(N) 歌演	确定

Then this part is finish

Last step reopen the browser and you can see there is no warning on it

Ø Net Video System × +		\sim
← → C	Ê	*
English	~	
	1	
Tiandy		
L User Name		
Password		
	51	
Login		