美国 Visual int 威视林特摄像机与 ELAN 主机的设置

ELAN 主机版本要求	7.3.547 及以上
Visualint 摄像机版本要求	Kernel version 高于 160704

系统连接图



对 Visual int 摄像机的视频流进行设置

1、使用 Search Config Tool 软件查找 Visualint 摄像机

Select All	Search ON	VIF Device				•		<<>> · ·	- SetCrossSe	egment
Check N	1ac Address	IP Address	Subnet Mask	Gateway	DNS	Chan	Runtim	FactorvID	Model	
1 0	0:50:C2:4C:F4:FD	192.168.0.164	255.255.255.0	192.168.0.1	192.168.0.1	1	4813	ID0000801940762442530847	undefined-0x9f	
۲										2
Device	IP Address 192.168.0.164	Mac 00:5	Address i0:C2:4C:F4:FD	Service Po 3000	ort	Client F	ort	Http Port 80	Modify Port	1
	IP Address	Subr	et Mask	Gateway		DNS		Factory ID		-
Beginning IP	192.168.0.164	255	255.255.0	192.168.	0.1	192.1	68.0.1	ID0000801940762442	Bacth Modify IP	1



2、使用浏览器登录搜索到的摄像机的 IP 地址,由于进入摄像机界面时,需要浏览器下载插件,部分浏览器可能无法加载插件,可以尝试 QQ 浏览器。摄像机的默认用户名: admin; 密码: admin

Net Video Browser × +						۳ –		×
く > C 合 田 ☆ 192.168.0.164/index_ch.ht	ml?time=117729121958		♀ 失恋博物馆藏故事	Q 👂	\odot $\underline{\vee}$	% ⊅.	+	Ξ
🕥 未登录 🛛 📵 上网导航 🛭 😂 网址导航 🔛 百度 🔍 Amazon.	com Sign ⊕ Vera™ + Custom	ne						
	User Name Password Por	admin ••••• 3000 Login	English					>

3、确定 Visual int 摄像机固件版本:按照下图路径查看摄像机版本。 注意:只要版本号的后六位大于 160704 即可

Live View	Playback	Log Configuration
Audio Video Set	Contra Cat	
Dome Set	System Set	
▶ VCA	System Information	
▶ OSD		
Storage Management	CPU	31% Refresh
Network Management	Memory	48%
User Management	FLASH	76%
Alarm Management	Version Information	
Advance Set	Factory ID	ID0000801940762442530847
System Set	Kernel Version	NVSS_V8.1.11.20160922
System Maintenance	SDK Version	4.0.0.3
Access Platform	Web Version	5.56.16.918
	Access Module	onvif_v2.5.0_20160921
	Serial Number	477439B6446A00180
	Language and Time	
	Region	GMT+08:00 V
	Time	2017/ 8/29 🗊 12:30:22 🔹 Synchronize
	Davlight-Saving Time	



4、修改 Visual int 摄像机视频流1的参数:

● 修改视频流1的基础设置,参照下图进行设置,然后保存

Visualint	VIM-7650			
Live View	Playback	Log Config	guration	
✓ Audio Video Set Stream Set	Stream Set			
Audio Set	Strea	m 1st Stream	¥	
Dome Set	💌 General Set			
▶ VCA	Stream Typ	e Audio Video	¥	
 OSD Storage Management 	Resolutio	n 1080P(1920x1080)	~	
 Network Management 	Bit Rat	e 2048		
User Management	Frame Rat	e 25	~	
 Alarm Management Advance Set 	N/P Mod	e NTSC	¥	
	Priorit	ry Frame Rate	¥	
	Video Qualit	y Normal	~	
	I-Frame Interv	al 10		
	Encoding Mod	e Variable Bit Rate	~	
	Smooth Vide	0		50 [Clarity<->Smooth]
	Streaming Advanced Set	J		
			_	
		Save Import	Export	
● 修改视频流	1的高级设置,	参照下图进行证	殳置,然后保	:存
OVisualint	VIM-7650			
Live View	Playback	.oo Configura	tion	
▼ Audio Video Set	1			
Stream Set	Stream Set			
Audio Set	Stream	1st Stream	~	
Dome Set	N			
	📔 🕨 General Set			
▶ VCA	 General Set Advanced Set 			
VCA OSD Storage Management	General Set Advanced Set Video Encoding	H.264	~	
VCA OSD Storage Management Network Management	General Set Advanced Set Video Encoding Extended Code	H.264 high profile	* *	
VCA OSD Storage Management Network Management User Management	General Set Advanced Set Video Encoding Extended Code Channel Type	H. 264 high profile Local Channel	▼ ▼ ▼	
 VCA OSD Storage Management Network Management User Management Alarm Management Advance Set 	General Set Advanced Set Video Encoding Extended Code Channel Type Encrypt Type	H. 264 high profile Local Channel Not Encrypted	 ✓ ✓ ✓ ✓ 	
 VCA OSD Storage Management Network Management User Management Alarm Management Advance Set 	General Set Advanced Set Video Encoding Extended Code Channel Type Encrypt Type Encrypt Password	H. 264 high profile Local Channel Not Encrypted	 ✓ ✓ ✓ 	
 VCA OSD Storage Management Network Management User Management Alarm Management Advance Set 	General Set Advanced Set Video Encoding Extended Code Channel Type Encrypt Type Encrypt Password Password Confirm	H. 264 high profile Local Channel Not Encrypted	 ✓ ✓ ✓ 	
 VCA OSD Storage Management Network Management User Management Alarm Management Advance Set 	 General Set Advanced Set Video Encoding Extended Code Channel Type Encrypt Type Encrypt Password Password Confirm Electronic Image Stabilization 	H. 264 high profile Local Channel Not Encrypted Disable	 ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ 	
 VCA OSD Storage Management Network Management User Management Alarm Management Advance Set 	 General Set Advanced Set Video Encoding Extended Code Channel Type Encrypt Type Encrypt Password Password Confirm Electronic Image Stabilization SVC 	H. 264 high profile Local Channel Not Encrypted Disable Disable	 ✓ 	
 VCA OSD Storage Management Network Management User Management Alarm Management Advance Set 	 General Set Advanced Set Video Encoding Extended Code Channel Type Encrypt Type Encrypt Password Password Confirm Electronic Image Stabilization SVC 	H. 264 high profile Local Channel Not Encrypted Disable Disable Save	v v v v	

- 5、修改 Visual int 摄像机视频流 2 的参数:
 - 修改视频流 2 的基础设置,参照下图进行设置,然后保存

Live View	Playback	Log Configu	uration	
Audio Video Set	Stream Set			
Audio Set Key Region	Stream	2nd Stream	~	
Dome Set	👿 General Set			
VCA	Stream Type	Audio Video	~	
OSD Storage Management	Resolution	4CIF(704x480)	~	
Network Management	Bit Rate	1024		
Jser Management	Frame Rate	15	~	
Alarm Management	N/D Made	1720		
Advance Set	N/P Mode	NISC	*	
	Priority	Frame Rate	¥	
	Video Quality	Normal	*	
	I-Frame Interva	50		
	Encoding Mode	Variable Bit Rate	¥	
	Smooth Video	·		50 [Clarity<->Smooth]
	Streaming			
● 修改视频流	▲ Advanced Set E 2 的高级设置,	Save Import 参照下图进行	_{Export} 亍设置,然斥	
● 修改视频流 <mark>◯Visualint</mark>	I Advanced Set E 2 的高级设置, VIM-7650	Save Import 参照下图进行	Export 亍设置,然后	后保存
● 修改视频流 <mark>◯Visualint</mark> Live View	I Advanced Set E 2 的高级设置, VIM-7650 Playback	Save Import 参照下图进行	Export 亍设置,然后 nfiguration	
● 修改视频流 ● 修改视频流 ● Visualint Live View Audio Video Set ● Stream Set	I Advanced Set E 2 的高级设置, VIM-7650 Playback Stream Set	Save Import 参照下图进行 Log Co	Export 亍设置,然斥 nfiguration	
● 修改视频流 Visualint Live View Audio Video Set - Stream Set - Audio Set - Key Region	I Advanced Set E 2 的高级设置, VIM-7650 Playback Stream Set Stream Set	Save Import 参照下图进行 Log Co	Export 亍设置,然后	≤保存
● 修改视频流 Visualint Live View Audio Video Set - Stream Set - Audio Set - Key Region Dome Set	▶ Advanced Set E 2 的高级设置, VIM-7650 Playback Stream Set Stream Set Stream Set Stream Set	Save Import 参照下图进行 Log Co	Export 于设置,然后	≤保存
 修改视频流 Visualint Live View Audio Video Set Stream Set Audio Set Key Region Dome Set VCA 	▲ Advanced Set E 2 的高级设置, VIM-7650 Playback Stream Set Stream Set General Set ④ Advanced Set	Save Import 参照下图进行 Log Co	Export 于设置,然原 nfiguration	≤保存
 修改视频流 Visualint Live View Audio Video Set Stream Set Audio Set Key Region Dome Set VCA OSD 	▶ Advanced Set E 2 的高级设置, VIM-7650 Playback Stream Set Stream Set E General Set Wideo Enco	Save Import 参照下图进行 Log Co ream 2nd Stream	Export 于设置,然后 nfiguration	≤保存
 修改视频流 Visualint Live View Audio Video Set Stream Set Audio Set Key Region Dome Set VCA OSD Storage Management Network Management 	▶ Advanced Set E 2 的高级设置, VIM-7650 Playback Stream Set Stream Set Wideo Encondition Channel To C	Save Import 多照下图进行 Log Co ream 2nd Stream oding MotionJPEG Type Local Channel	Export 于设置,然后 nfiguration	등保存
 修改视频流 Visualint Live View Audio Video Set Stream Set Audio Set Key Region Dome Set VCA OSD Storage Management Network Management User Management Alarm Management 	▶ Advanced Set E 2 的高级设置, VIM-7650 Playback Stream Set Stream Set Wideo Encond Channel 1 Encrypt 1	Save Import Save Import Save Import Save Import Save Import Co	Export 于设置,然后 nfiguration	≤保存 ✓
 修改视频流 Visualint Live View Audio Video Set Stream Set Audio Set Key Region Dome Set VCA OSD Storage Management Network Management User Management Alarm Management Advance Set 	▶ Advanced Set E 2 的高级设置, VIM-7650 Playback Stream Set Stream Set Stream Set Uideo Enco Channel 1 Encrypt Passes	Save Import Save Import Save Import Save Import Save Import Co	Export 于设置,然后 nfiguration	≤保存
 修改视频流 Visualint Live View Audio Video Set Stream Set Audio Set Key Region Dome Set VCA OSD Storage Management Network Management Jarm Management Advance Set 	▶ Advanced Set E 2 的高级设置, VIM-7650 Playback Stream Set Stream Set Stream Set Stream Set Channel T Encrypt T Encrypt T Encrypt Password Cor	Save Import Save Import Save Import Save Import Save Import Co	Export 丁设置,然后 nfiguration	≤保存
 修改视频流 Visualint Live View Live View Audio Video Set Stream Set Audio Set Key Region Dome Set VCA OSD Storage Management Network Management Alarm Management Advance Set 	▶ Advanced Set E 2 的高级设置, VIM-7650 Playback Stream Set Stream Set Stream Set Stream Set Channel 1 Encrypt 1 Encrypt 2 Password Cor Electronic Image Stabilized	Save Import 会照下图进行 企文 Co Log Co ream 2nd Stream oding Motion JPEG Type Local Channel Type Not Encrypted ord	Export 于设置,然后	● 日本
 修改视频流 Visualint Live View Audio Video Set Stream Set Audio Set Key Region Dome Set VCA OSD Storage Management Network Management User Management Advance Set 	▶ Advanced Set E 2 的高级设置, VIM-7650 Playback Stream Set Stream Set Stream Set General Set Wideo Enco Channel T Encrypt Passs Password Cor Electronic Image Stabilization	Save Import 参照下图进行 使用下图进行 Log Co ream 2nd Stream oding Motion JPEG Type Local Channel Type Not Encrypted ording Disable SVC Disable	Export 于设置,然后	≤保存 ✓

Visual int 摄像机设置完成

在 ELAN 主机中添加 Visual int 摄像机

1、一级菜单中选择"Video",在二级菜单"Video Cameras/Sources"上点击右 键,选择"Add New Video Cameras/Sources"

System Security	Communication Devices DVR Options Transcoder Options	
Climate	Video Cameras/Sources	Add New Video Source/Camera
Lighting		
Content		
Media		
Video		
Messaging		
Irrigation		

2、在弹出的对话框中,选择"ONVIF Video Source (Dynamic)",然后输入摄像 机的用户名和密码(默认均为 admin),最后选择"Search For Devices", 系统会自动搜索出来网络中的 Visualint 摄像机

Add New Video Source/Camera								
Name	ONVIF Video Source (Dynamic)							
Device Type	Show Unsupported Devices							
Name	Version Vendor ^							
AXIS P3301	8.1 Build 403.0 Rel Elan							
AXIS P5512PTZ	8.1 Build 403.0 Rel Elan							
Generic LIRL Video Camera	8.1 Build 403.0 Rel Elan							
ONVIF Video Source (Dynamic)	8.1 Build 403.0 Rel Elan							
Citvin Video Source (Static)	8.1 Build 403.0 Rel Elan							
Panasonic Pro Series	8.1 Build 403.0 Rel Elan							
Panasonic Standard Series	8.1 Build 403.0 Rel Elan							
Vivotek Network Camera 7xxx/8xxx	8.1 Build 403.0 Rel Elan							
Vivotek Video Port on VS2403	8.1 Build 403.0 Rel Elan							
Vivotek Video Port on VS8x01	8.1 Build 403.0 Rel Elan							
Wirepath Camera	8.1 Build 403.0 Rel Elan 🗸							
UserName admin Password admin								
Search For Devices Search Folder	Cancel OK							



3、Visual int 摄像机搜索结果,选择摄像机(不要选择数字硬盘录像机)即可 Add New Video Source/Camera

Name		[ONVIF Video Source (Dynami	c)
Device Type				
Manufacturer	Model	Firmware	Serial No.	
Visualint Visualint Visualint	VI-M-4-1000 VIM-1350/1450 VIM-7650	onvif_v2.5.0_20 onvif_v2.5.0_20 onvif_v2.5.0_20	ID00008019407713901505 ID00008019408524616507 ID00008019407404825406	05 70 50
UserName	admin			
Password	admin			
			Cancel	ОК

4、Visualint 摄像机驱动添加完成以后,选择"ONVIF Setting",对摄像机进行设置

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5、在弹出对话框中的红色部分点击右键,原始为 ch0003

ONVIF Settings											
High-Capability Mode Set										Add	Remove
Name	Profile	Encoder	Format	Fram	Bitrate	Enc.Int	Qual	Gov	h264	xport	Default
proname_ch0003	protoken_ch0003	<default></default>	H264 352 x 240	10	512	1	10	100	Baseline	UDP	•
Low-Capability Mode Set	Profile	Encoder	Format	Fram	Bitrate	Enc.Int	Qual	Gov	h264	Add	Remove
proname_ch0002	protoken_ch0002	<default></default>	JPEG 704 x 480	15	1024	1	8	50	Baseline	UDP	-
Video Source			T							Cancel	ОК

改为 "ch0001"

				ONVIF Settings								×
High-C	Capability Mode Set										Add	Remove
Nam	e 🖉	Profile	Encoder	Format	Fram	Bitrate	Enc.Int	Qual	Gov	h264	xport	Default
prona	ame_ch0003	protoken_ch0001	:DEFAULT>	H264 1920 x 1080	25	2048	1	8	10	Baseline	UDP	•
Low-C	apability Mode Set	Profile	Encoder	Format	Fram	Bitrate	Foc.Int	Qual	G0V		Add	Remove
prona	mme_ch0002	protoken_ch0002	<default></default>	JPEG 704 x 480	15	1024	1	8	50	Baseline	UDP	-
Video	Source			•							Cancel	ОК

注:如果弹出对话框中没有信息,可以关闭后再次打开



6、ELAN 界面

	OVACO		Visualini	/ VIM-7650 ⊳			
Au	g ^c 31 ² 2017	19:07:41	CCLARUS	Visualint V	M-76 50		
e	ELAN	Fusion	FURMAN			全屏	
Ŧ	INDUCTION DYNAMICS	korus	Mey digibal		F	预置	∇
2	marantz	SN	NILES.				+
2	DHA(F TECHNOLOGY	PROFICIENT	Rochustics			Q	
6	SunBriteTV.	TAL TICHNICAN ADMINISTRAS	TRIBUTARIES,				
5	WOLF	xantech					

如果使用的时 Visual int 云台摄像机,在 ELAN 触摸屏上可以对摄像机进行以下操作:

- 点击摄像机显示图像的上下左右位置,可以对摄像机的上下,左右进行 控制
- 点击右边的-+按键可对云台的焦距进行控制
- 点击右边的预置按键,可以调用&保存摄像机的预置位

注意:由于 Visual int 是将 1080P 信号直接传输 ELAN 主机,传输的数据量较大,可能会造成部分性能较低的手机在查看时出现卡顿的情况,实际测试结果:

ELAN TP12 触摸屏:图像显示无问题 ELAN TP7 触摸屏:图像显示无问题 ELAN TP4 触摸屏:图像显示无问题 iPhone6 及以上:图像显示无问题 中高端安卓手机:图像显示无问题 低端安卓手机:图像卡顿,可以在

低端安卓手机 : 图像卡顿,可以在 Visual int 的视频流 1 设置中适当降 低摄像机的分辨率,来解决此问题