VIBE广播编码器维护手册

设备参数配置表

序号	参数名称	数值	说明
1	TS Packet Size	188	传输流组包大小
2	Output Clock	3110294Hz	输出带宽频率
	所有广播相同的配置		
	Type	Radio Service	服务类型(Television Service可选)
	Provider	JSBC	节目提供商名称
3	第一路广播		
	Service ID	2	节目ID号
	Name	Audio1	节目名称
	PID PMT	201	节目映射表ID
	PID PCR	101	每一路立体声广播的输出比特率
	Rate	256Kbit/s	每一路立体声广播的输出比特率
4	第二路广播		
	Service ID	3	
	Name	Audio2	
	PID PMT	202	
	PID PCR	102	
	Rate	256Kbit/s	每一路立体声广播的输出比特率

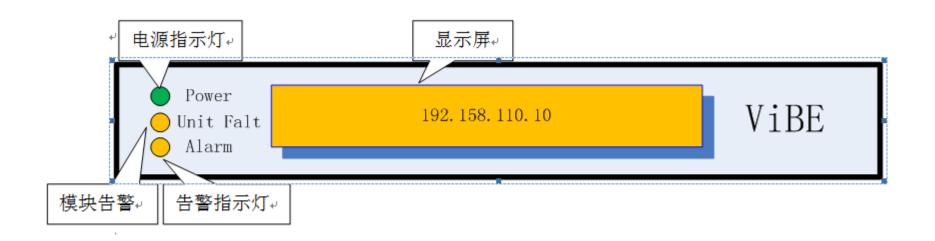
设备维护项目表 (1)

序号	维护项目	参考值	实测值	维护周期
PCR, P	TS间隔、表重复间	隔技术要求和测试		
1	PCR抖动	±500ns		
2	PCR间距	0 ~ 40ms		
3	PTS/PCR延迟	-500 ~ 1000ms		
4	PTS间距	0 ~ 700ms		
5	PAT	≤500ms		
6	PMT	≤500ms		
7	NIT	≤10000ms		
8	SDT	≤2000ms		
9	TDT	≤30000ms		

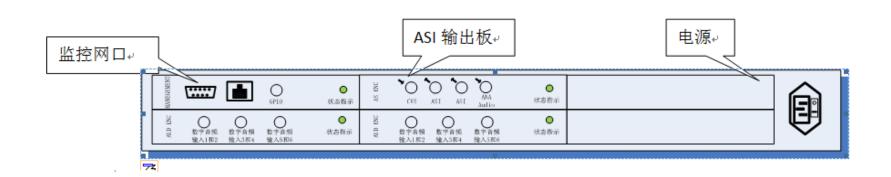
设备维护项目表 (2)

	码流监测	(一级差错:一级差错会导致解码器无法正确解码)	
1	TS同步丢失	大于两个传输包连续出现同步字节错误	
2	同步字节错误	同步字节不等0x47	
3	PAT错误	PDI=0x0000的TS包出现如下错误: 1.table_id=0x00的section出现间隔>0.5s 2.出现table_id不是0x00的section 3.Scrambling_contorl_field不是00	
4	连续计数错误	1.TS包顺序错误 2.同一个TS包连续出现大于两次 3.TS包丢失	
5	PMT错误	1.table_id=0x02的section出现间>0.5s 2.在包含section(table_id=0x02)的TS包中 scrambling_control_filed≠00	
6	PID错误	指定测试的PID没有在时间间隔内出现	

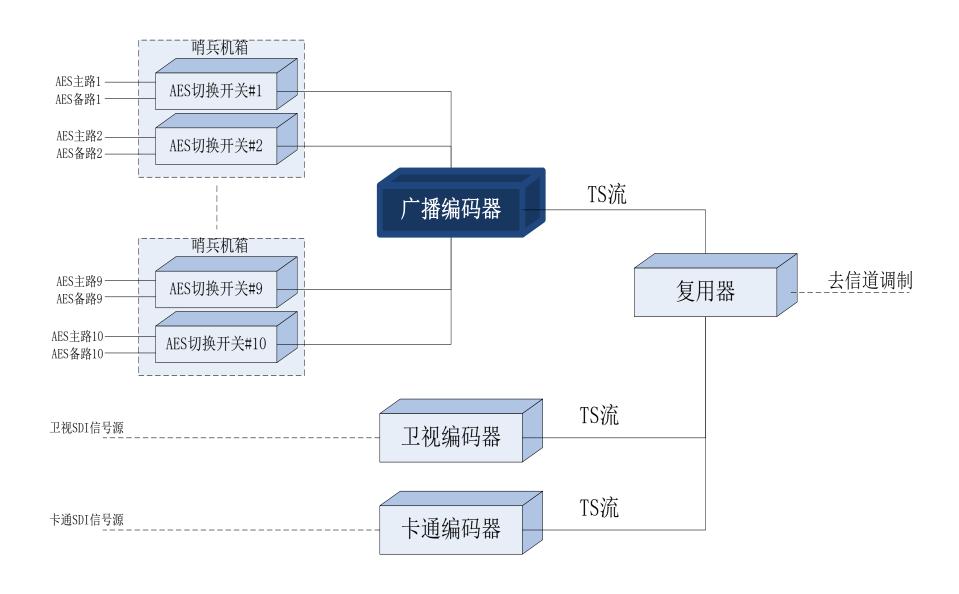
设备面板介绍



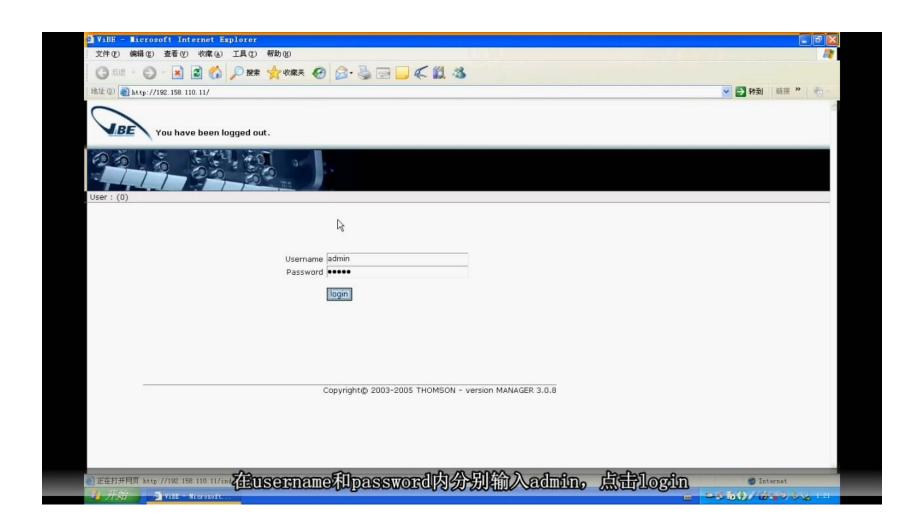
设备背板介绍



音频编码板设备在上行系统中的位置



设备简明操作——登录



设备简明操作——查看告警信息



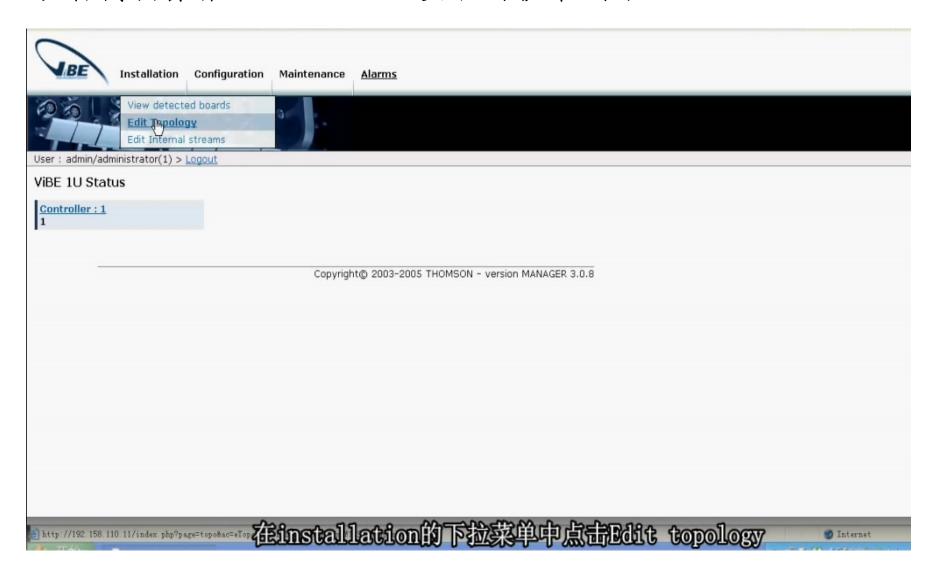
设备简明操作——查看告警信息

ViBE Active Alarms

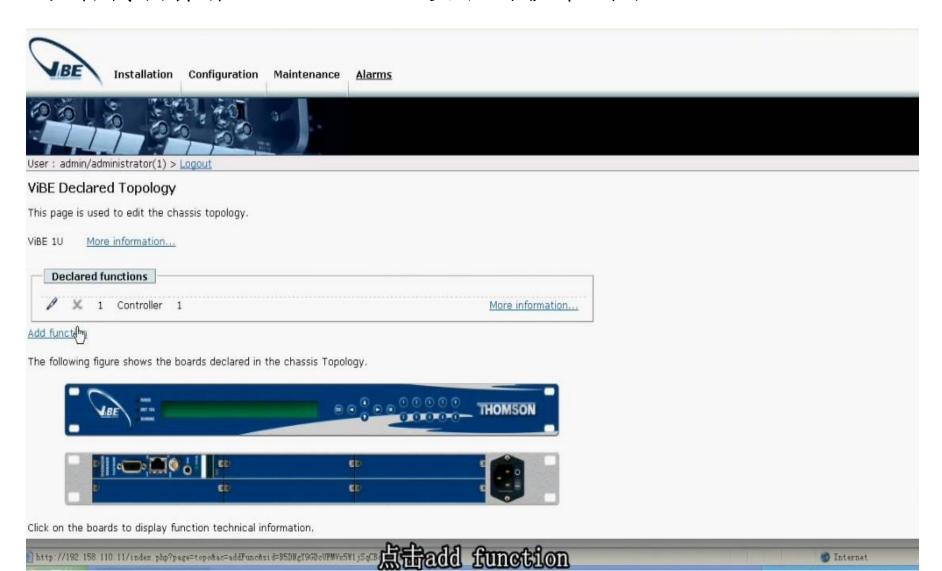
This page is used to view ViBE alarms.

Encoder ID#4: 4 [AUD/slot 2/RC_1] : detected silence on left channel Help [AUD/slot 2/RC_1]: detected silence on right channel Help 104 [AUD/slot 2/RC 2]: detected silence on left channel 104 Help [AUD/slot 2/RC_2] : detected silence on right channel Help 104 [AUD/slot 2/RC_5]: detected silence on left channel Help 104 104 [AUD/slot 2/RC_5] : detected silence on right channel Help Help 104 [AUD/slot 2/RC 6]: detected silence on left channel Help 104 [AUD/slot 2/RC_6]: detected silence on right channel [AUD/slot 3/RC_1] : detected silence on left channel 104 Help [AUD/slot 3/RC_1]: detected silence on right channel 104 Help [AUD/slot 3/RC_2] : detected silence on left channel Help 104 [AUD/slot 2/RC_4] : detected silence on left channel 104 Help 104 [AUD/slot 2/RC_4] : detected silence on right channel Help [AUD/slot 3/RC_3] : detected silence on left channel Help 104 [AUD/slot 3/RC_3]: detected silence on right channel Help 104 [AUD/slot 3/RC_4] : detected silence on left channel 104 Help [AUD/slot 3/RC_4]: detected silence on right channel Help 104 104 [AUD/slot 2/RC 3]: detected silence on left channel Help

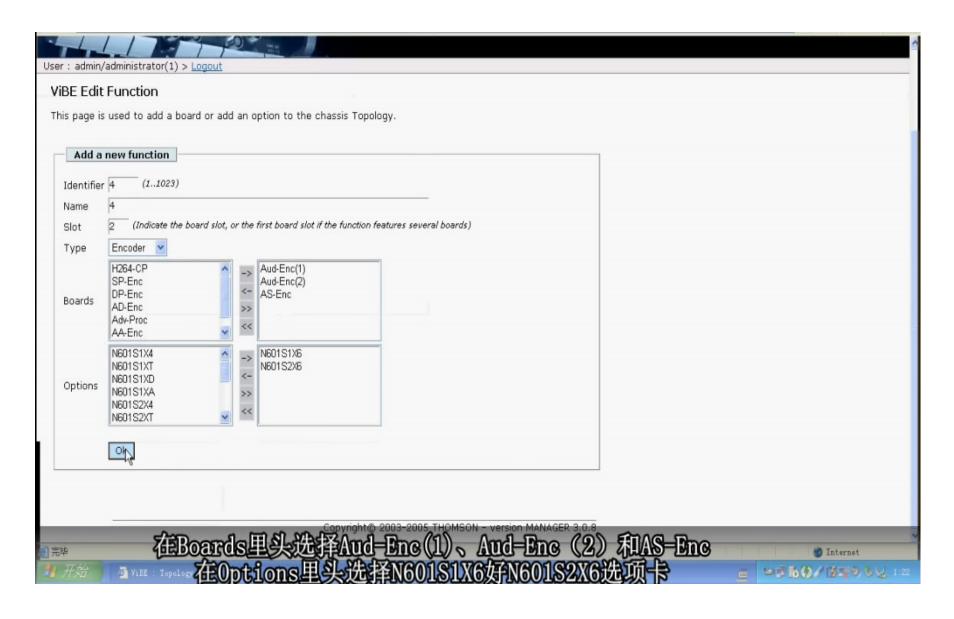
设备简明操作——配置已经安装的板卡(1)



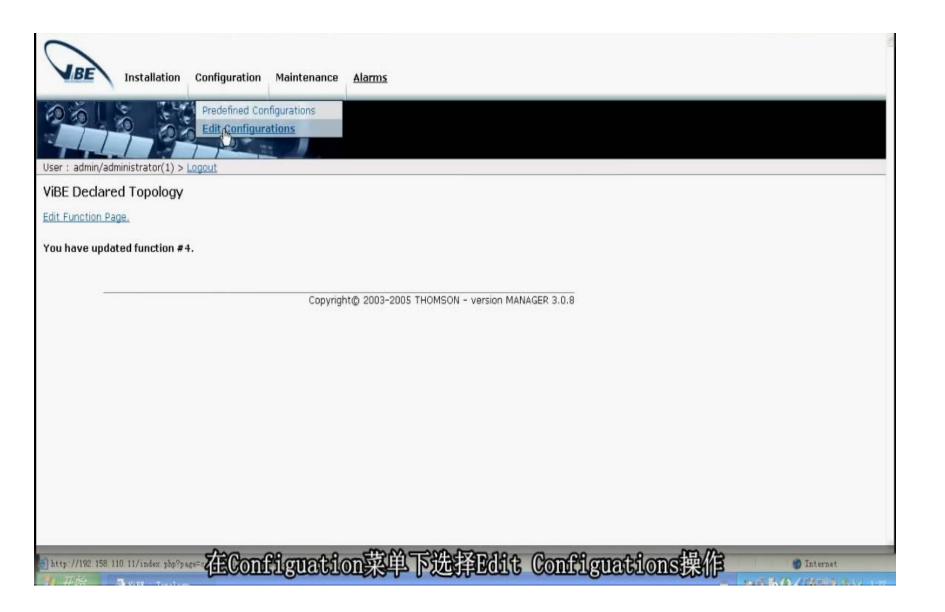
设备简明操作——配置已经安装的板卡(2)



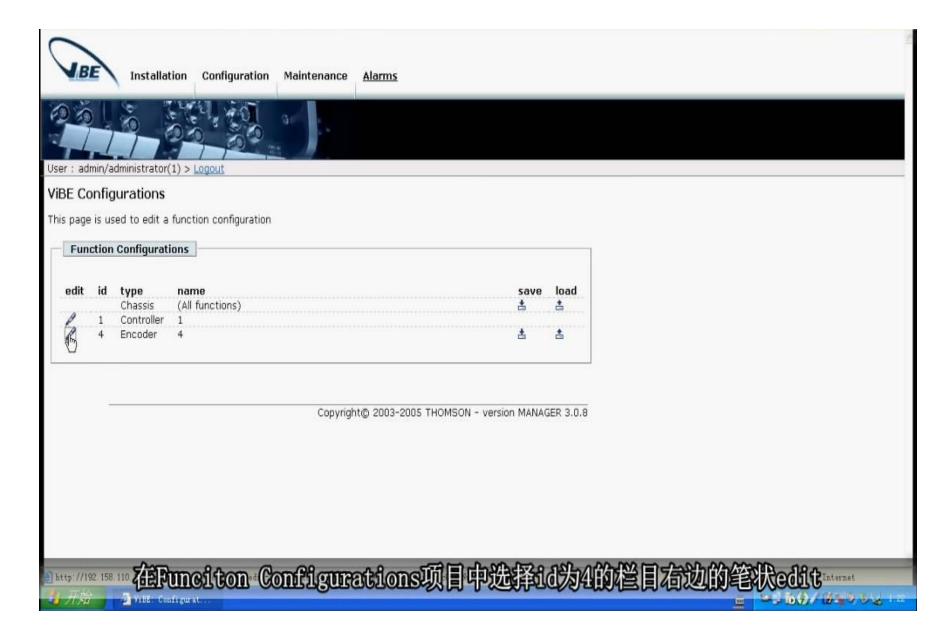
设备简明操作——配置已经安装的板卡(3)



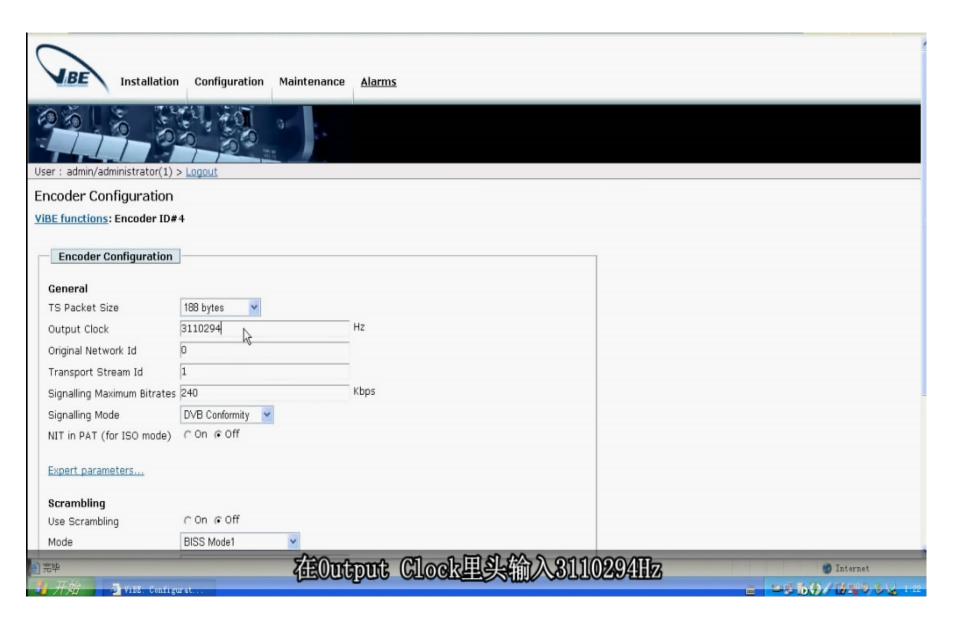
设备简明操作——配置广播编码器输出码率 (1)



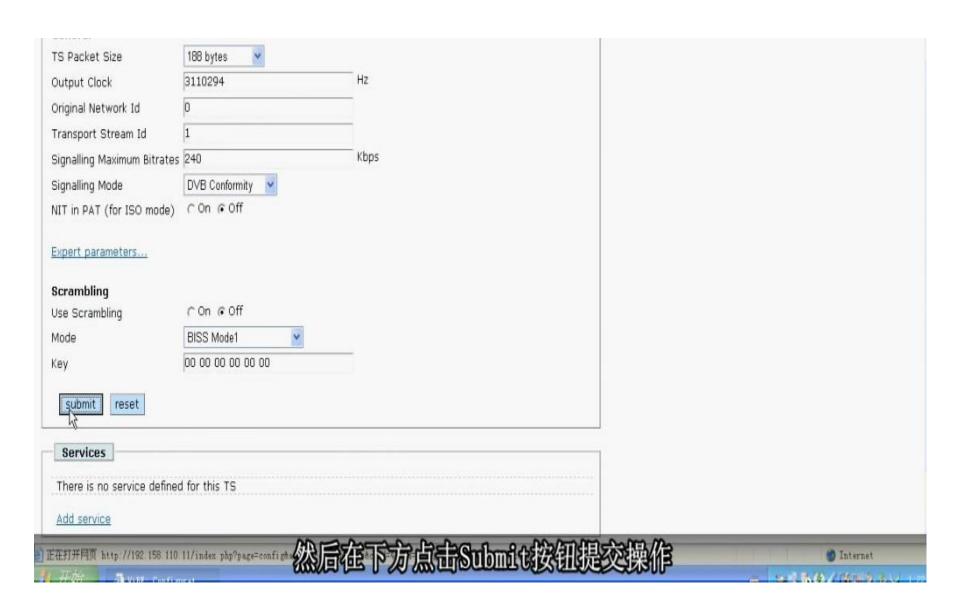
设备简明操作——配置广播编码器输出码率 (2)



设备简明操作——配置广播编码器输出码率 (3)



设备简明操作——配置广播编码器输出码率 (4)

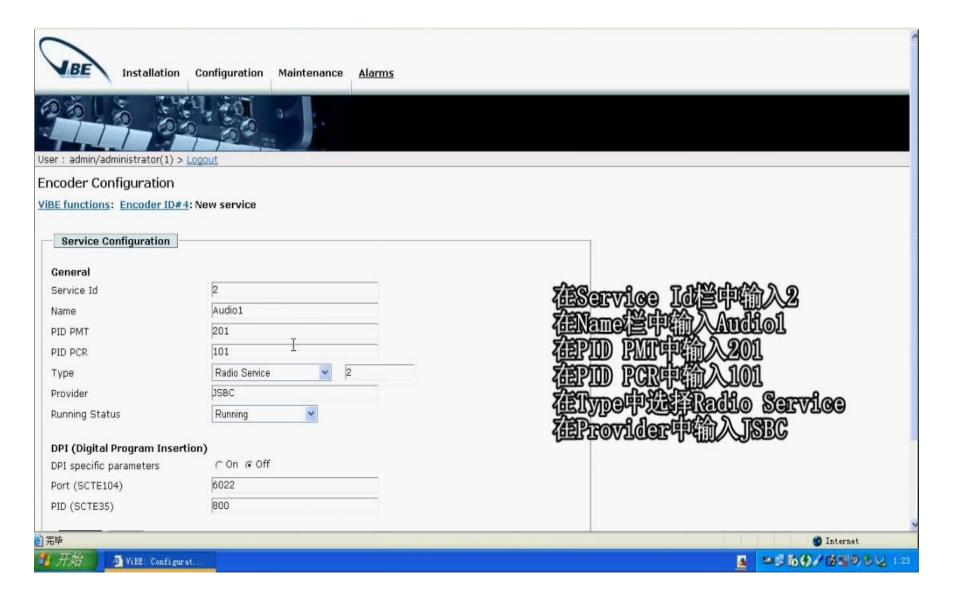


设备简明操作——配置音频编码设置 (1)

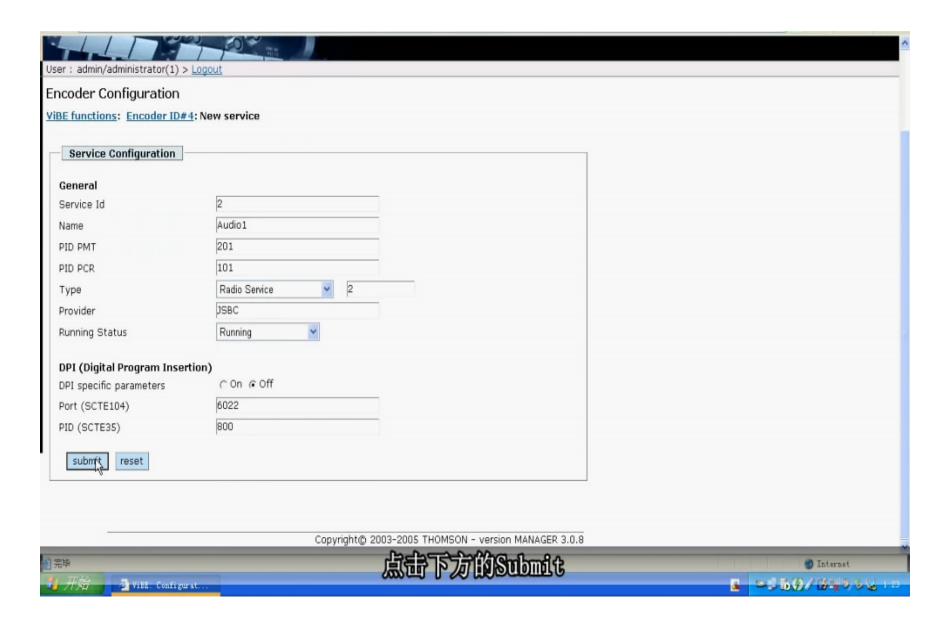
General TS Packet Size 188 bytes Output Clock 3110294 Hz Original Network Id 0 Transport Stream Id 1 Signalling Maximum Bitrates 240 Kbps Signalling Mode DVB Conformity NIT in PAT (for ISO mode) On off Expert parameters Scrambling Use Scrambling Wode BISS Mode1 Key 00 00 00 00 00 00 00 Submit reset	
Dutput Clock 3110294 Briginal Network Id Original Network Id Origina	
Original Network Id 0 Transport Stream Id 1 Signalling Maximum Bitrates 240 Signalling Mode DVB Conformity V NIT in PAT (for ISO mode) C On © Off Expert parameters Scrambling Use Scrambling Wode BISS Mode1 V Key 00 00 00 00 00 00 00 Submit reset Services	
Transport Stream Id 1 Signalling Maximum Bitrates 240 Signalling Mode DVB Conformity V NIT in PAT (for ISO mode) On Off Expert parameters Scrambling Use Scrambling Wode BISS Mode1 V Key 00 00 00 00 00 00 Submit reset Services	
Signalling Maximum Bitrates 240 Signalling Mode DVB Conformity NIT in PAT (for ISO mode) C On © Off Expert parameters Scrambling Use Scrambling Mode BISS Mode1 Vey 00 00 00 00 00 00 00 Submit reset Services	
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Scrambling Use Scrambling Mode BISS Mode1 Sey On 00 00 00 00 00 00 Submit reset	
Scrambling Use Scrambling Mode BISS Mode1 Sey 00 00 00 00 00 00 Submit reset	
Scrambling Use Scrambling Mode BISS Mode1 Key 00 00 00 00 00 00 Submit reset Services	
Use Scrambling C On © Off Mode BISS Mode1 Sey 00 00 00 00 00 00 Submit reset Services	
BISS Mode1	
submit reset Services	
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Services	
Services	

There is no service defined for this TS	
Add service	
V	
Add service	
Copyright© 2003-2005 THOMSON - version I	

设备简明操作——配置音频编码设置 (2)



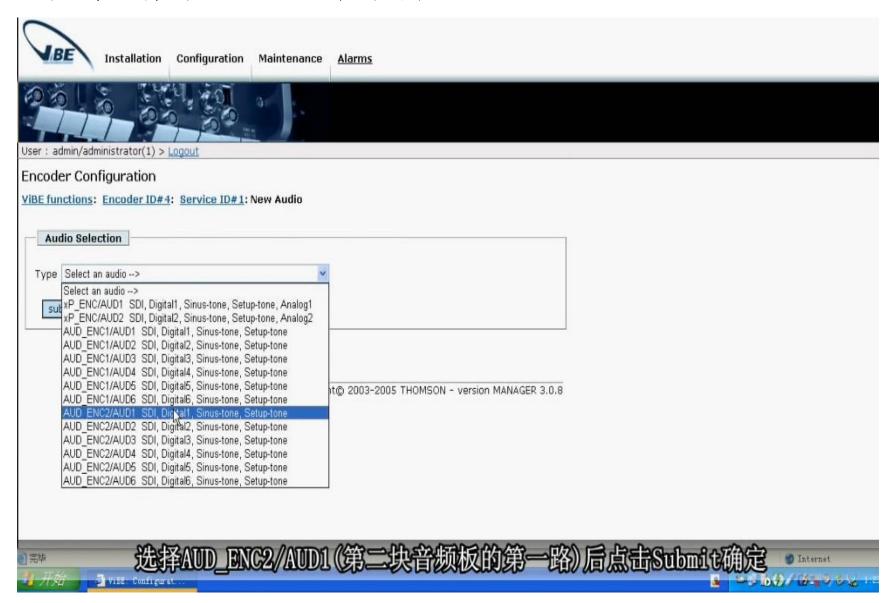
设备简明操作——配置音频编码设置 (3)



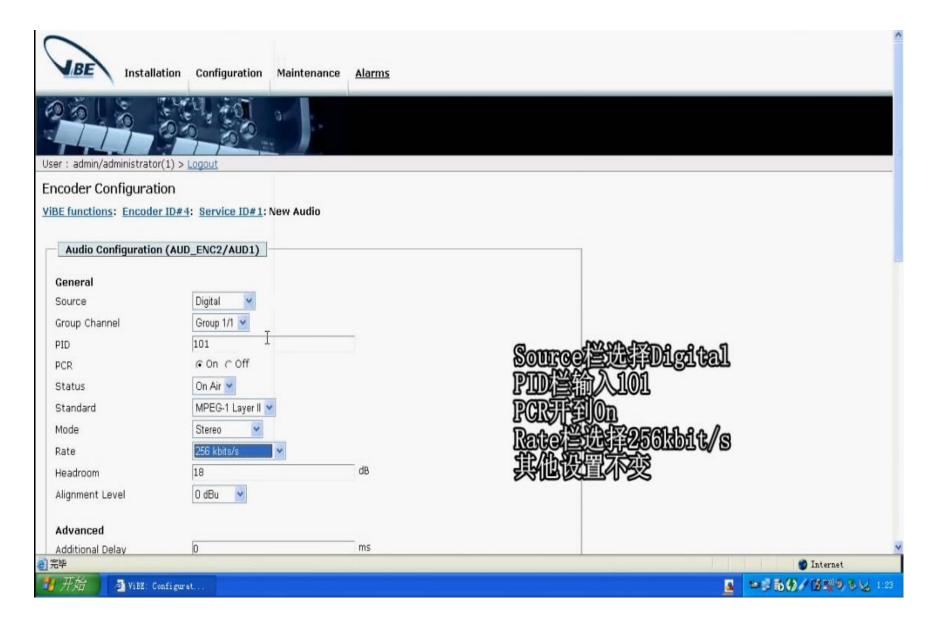
设备简明操作——配置音频编码设置 (4)

Name				
PID PMT	257			
PID PCR	256			
Туре	Television Service	1		
Provider	Total Sollies			
Running Status	Running			
DPI (Digital Program Inserti	ion)			
DPI specific parameters	○On @ Off			
Port (SCTE104)	6022			
PID (SCTE35)	800			
Components There is no component define Add video - Add audio - Add	ed for this service VBI - Add Downstream Data - A	dd shared		
Descriptors				
There is no descriptor for this	s element		**********	
Add PMT descriptor				

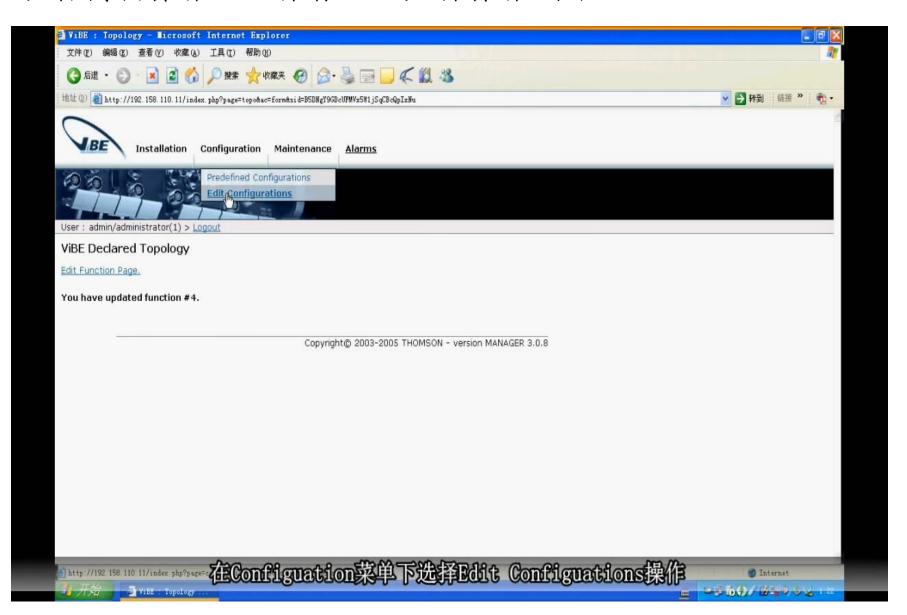
设备简明操作——配置音频编码设置 (5)



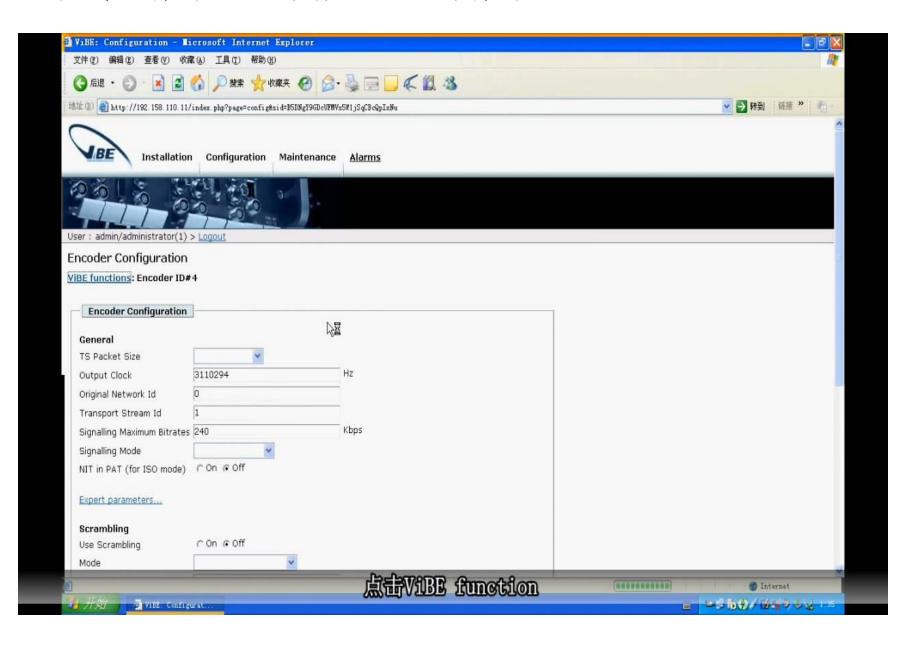
设备简明操作——配置音频编码设置 (6)



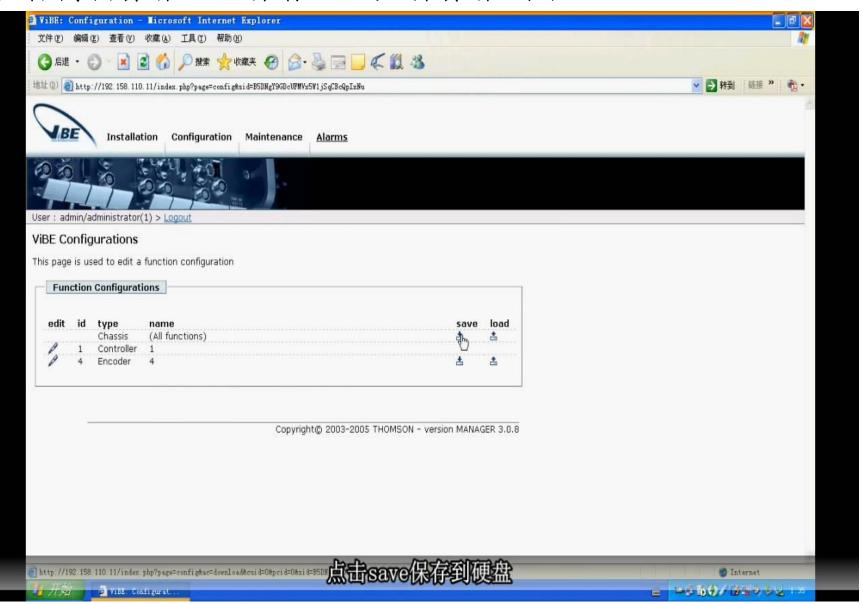
设备简明操作——保存配置文件操作(1)



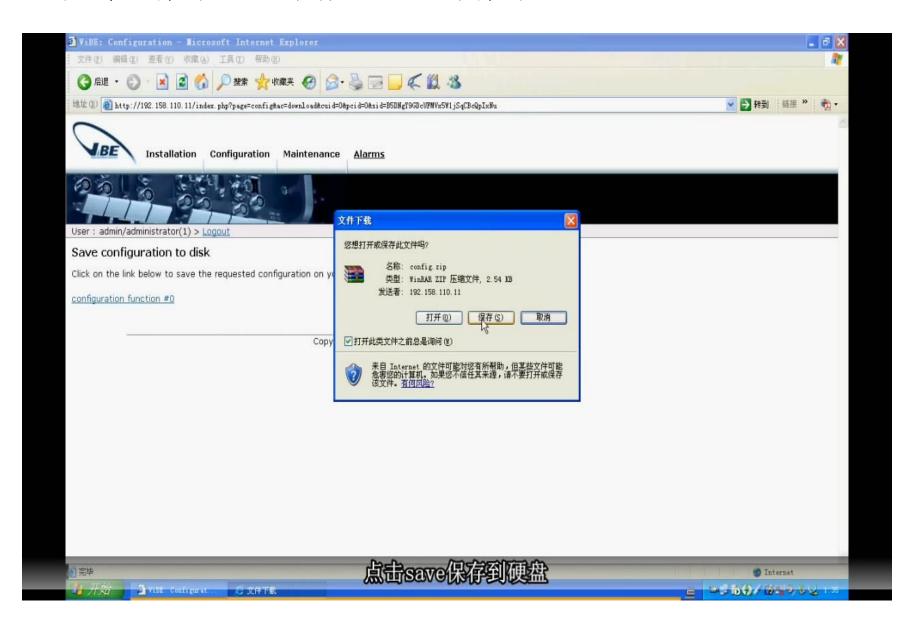
设备简明操作——保存配置文件操作(2)



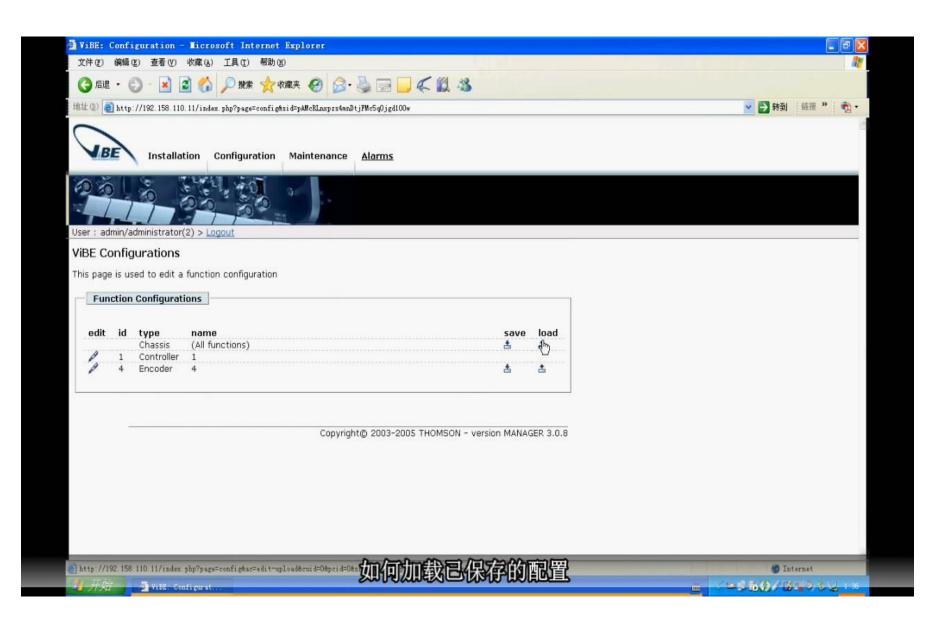
设备简明操作——保存配置文件操作(3)



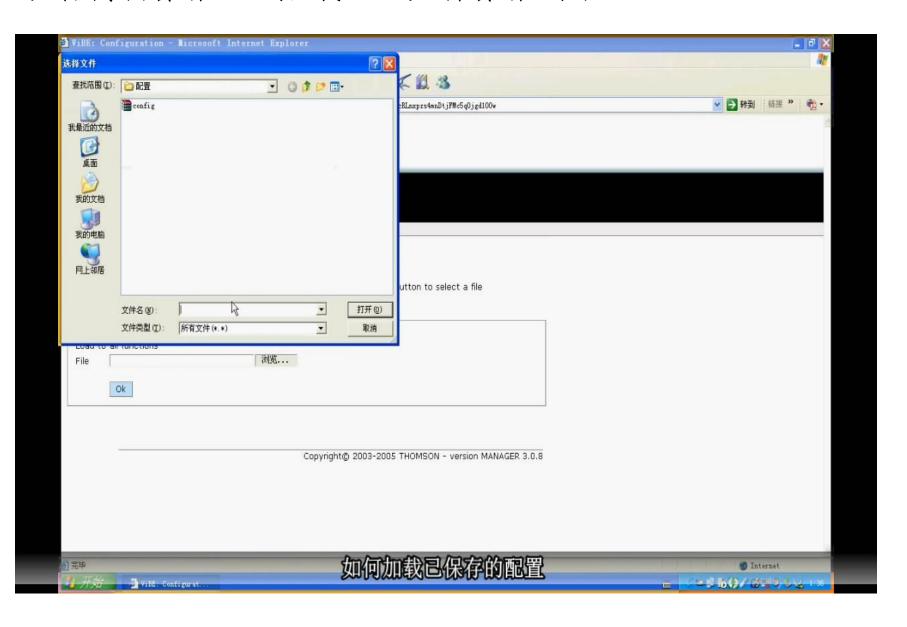
设备简明操作——保存配置文件操作(4)



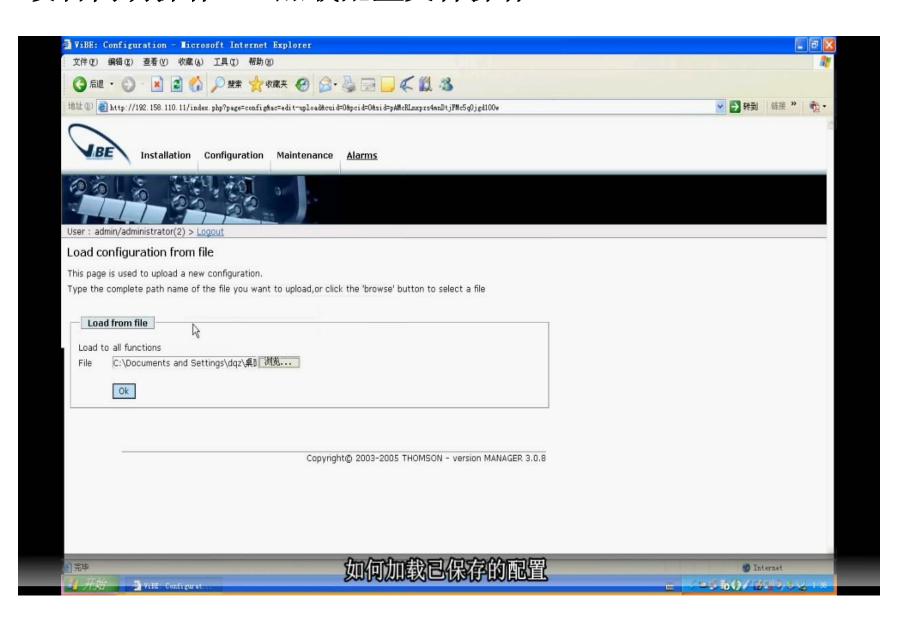
设备简明操作——加载配置文件操作(1)



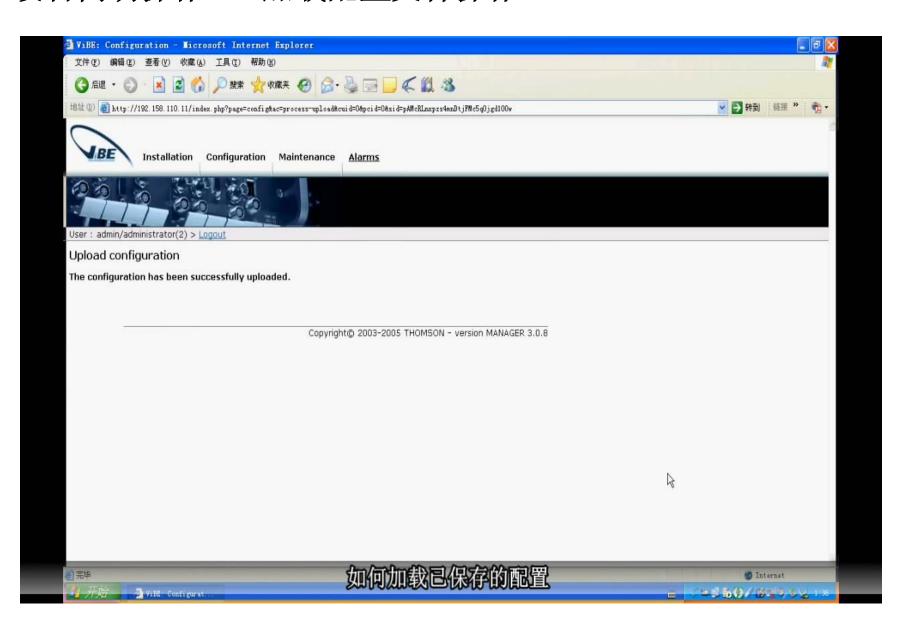
设备简明操作——加载配置文件操作(2)



设备简明操作——加载配置文件操作(3)



设备简明操作——加载配置文件操作(4)



谢 谢!

2010-08