





Teradek Streaming installatie voor Decoder/Encoder

Cube 155/355 (geldt ook voor andere)

MPEG Transport Stream



Username:	admin
Password:	
	Login

©2012

Inloggen met Username: admin Password : admin



Encoder Instellingen

Zodra u bent ingelogd op de Teradek Encoder plaatst u de muis op Video Setup gevolgd door Stream Setting. Hier kunt u de stream instellen

(let op boven de 720p resolutie zal de quickview stream niet meer werken)

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â	Info	System	Network	Video Setup	Wizard	Logout
Str	eam Settir	ngs				
Pri	mary Stream	Quickview Stream				
-	Stream Applica	ation				

Stream Mode:	MPEG Transport Stream
	RTP/RTSP
	RTP Push
ransport Stream Settin	MPEG Transport Stream
	Livestream (Original)
Protocol:	Livestream Back-End Plugin
	RTMP
	HTTP Live Streaming
Jesunation IP Address.	Disable
Destination Port:	554
Audio:	AAC MPEG-2
Include PCR:	Yes 💌
DCD maniada	05
PCR period.	20 ms
PSI period:	400 ms
Constant Bitrate Mode:	Disabled -
Constant Bitrate:	7000 kbps
Constant Dirate.	NOP8
Stream Rate Control	
Adaptivo Bitrato	C Enabled O Disabled

Wij gaan op dit moment uit van een MPEG Transport Stream



Encoder Instellingen

Bij een Mpeg Stream zijn 3 dingen belangrijk.

- 1. Het Protocol Tcp of Udp.(zie toelichting)
- 2. Ip adres van de Bestemming(decoder).
- 2. Poort waarnaar de decoder luistert.

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Stel de decoder luistert op ipadres 82.75.24.10 naar poort 554.

En de Destination Port 554. Deze 2 poorten moeten uitgaand openstaan op uw verbinding.

(neem hierover eventueel contact op met uw systeembeheerder)

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â	Info Sy	rstem N	etwork	Video Setup	Wizard	Logout				
SI	ream Settings		_							
	Primary Stream Quick	view Stream								
9	Stream Application									
	Stream Mode:	MPEG Transpo	rt Stream	•						
	Transport Stream Sett	inge			က်အာဆို ။	<u>81 </u>	-			
	Protocol:	TCP	$\bullet \in$			બા				
	Destination IP Address:	000.000.000.000			Q,Áæå¦^∙ÁÖ∕	^&[å^¦				
	Destination Port:	554			dan se de la s	(. (4 .	<u>R</u>			
	Audio:	AAC O	MPEG-2		U[[¦ơặ ææ	} ææ¢Aå∧AO^8	[å^¦AS°ãec^¦c			
	Include PCR:	Yes								
	PCR period:	25 ms								
	PSI period:	400 ms								
	Constant Bitrate Mode:	Disabled -								
	Constant Bitrate:	7000	kbps							
	Stream Rate Control									
	Adaptive Bitrat	ə: 💿 Enab	ed 🧕	Disabled						

Hierna op apply klikken en de encoder is klaar om video te versturen

V&JKánáCÁ, ^*Áç^¦\^^¦Á@A`làðuÁ, [¦åoÁ*^&[}d[||^^¦åÁ, Æå^Aåæææ&åææå, ^¦\^|ðbÁ*[^å ææ})\[{dÈ Wå]KánáFÁ3&@d3;*•ç^¦\^^¦ÉÉ@A`làðuÁ, [¦åoÁa`•Á*^^}Á&[}d[|^Á*áa*^ç[^¦åÁ;]ÁaæææÁ Çæ||^^}ÁvÁ*^à¦`ã^}ÁàðuÁ cæàa>|^Áç^là3jå3j*^}Á; ^oÁ@{*^ÁÓæ3jåà¦^^åc*DÁÇ]|[æåD O1åæ3jcãç^ÁÓãdæc^KAR^óAsj¦^*^|^}Áçæ3jÁaæææç^¦\^^¦ÁQç^^|Á*^à¦`ãoÁaðuÁç^là3jå3j*^}Á çãæÁ*•{Đæc^||a>oÁ\}Áæ*^Á]|[æåD



Decoder Instellingen

Zodra u ingelogd bent in de Teradek Decoder plaatst u de muis op Video Setup gevolgd door Decoder Settings. hier kunt u de stream instellen.

Hier zijn 2 instellingen van belang.

- 1. Welke stream wordt er gedecodeerd
- 2. Naar welke poort luistert de Decoder.

1110 5	System	Network	Video Setup	Logout
coder Settings				
Decoder Settings				
Decoder Settinga	-		-	
Decoder Mode	MPEG Tran	sport Stream 💌		
MPEG Transport Stre	am Settings –			
Protoco	UDP	•		<u> \^^ </u> áGa^·^Átarri
D	UDP		*^à¦`ã^}	in ingen i ricewy
Pon	Multicast			
Output Settings		10		
Output Resolution	a: Auto 💌]		
Audio	: 🖲 Enabled	© Disabl	ed	
	48000 💌			
Audio Sample Rate	10000			



Decoder Instellingen

- Als alles is ingesteld dient het als volgt te zijn.1. Protocol : TCP (2wegverkeer).2. Poort: 554 (dit is de poort waarnaar de Decoder luistert naar videosignaal).

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Info S	ystem	Network	Video Setup	Logout
coder Settings				
Decoder Settings				
Decoder Mode	MPEG Trans	nort Stream 💌		
Deceder Mede		pont outcann		
MPEG Transport Stree	ım Settings —			
Protocol	TCP 💌			
Port	554			
Output Settings				
Output Resolution:	Auto 💌	<mark>0िæ}]æ∙^</mark>	}Áçæ)ÁÜ^∙[čæ\	
Audio	Enabled	© Disable	(05æ)]æ• ^}Áçæ)Á	CE åði Áscer) Ðãc
Audio Sample Rate	48000 💌			
Stereo Mode	Stereo	C Mono		



Als de Instellingen klaar zijn kan onder het kopje "Info" de decoder en encoder informatie worden opgevraagd.



Encoder Information

Encoder Status		$\dot{\Lambda} \Delta d \dot{R} \dot{L} \dot{C}] \Im \dot{M} A] \Delta d \dot{R} \dot{A} \dot{A} \dot{A} \dot{A} \dot{R} \dot{R} \dot{A} \dot{A} \dot{A} \dot{A} \dot{A} \dot{A} \dot{A} A$
Heartbeat:	944244	Ocas vy an vy at i vy at i vy ci ny ci a analisti
Video Frames (Captured/Null /Errors):	88889 / 0 / 0	<mark>&æ{ ^¦æ∕‱} * ^• [♂} Áã Áçãæ∕å ^ ÂĴÖQÁ</mark>
Audio Frames (Captured/Failed /Overflow):	0/0/0	<u>_ ^¦\ oん もへ: ^ D</u>
Encoder Load:	HW: 42% SW: 9	Yo
Encoder 1 Status		Ùœaeč●Áşæa)Áå∧ÁÒ}&[å^¦ÉÉRã^¦ã)Á´}Áø∕Áã^}Á@[^ç^^ Á¦æa{ ^●Á\¦Á *^*^*^**
Frames Encoded: Current Bitrate: Frame Rate:	88885 166 kb/s 50.083092	· · a∩o[a∩∩iaĄ [iao• } ψ ≁∿çose aq Ą · ∩·A[{ ⊂
Performance (IPB): Base QP:	12560 / 10099 / 24	U[\Á`}ÁoxÁ@a\ÁoxÁ¦æ{^¦æe^Á&[}d[^\^}È

$ \frac{1}{2} Info System Network Video Setup Logout $ $ \frac{1}{2} Decoder Information $ $ \frac{1}{2} Decoder Status \\ Heartbeat: 944244 \\ Wideo Frames (Captured/Failed Prained (Captured/Failed 0/0/0 \\ Audio Frames (Captured/Failed 0/0/0 \\ O/0 = 0 \\ $							
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Voorbeeld Situatie Encoder Decoder

