

Streaming RTSP from ANT-3xxx Encoder to ANT-3xxx Decoder

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Antrica

Encoder settings

IP Mode	Fixed IP
Local IP	192.168.1.102
Local Gateway	192.168.1.1
Local Subnet	255.255.255.0
DNS	
<input type="radio"/> Obtain DNS server address automatically	
<input checked="" type="radio"/> Use the following DNS server addresses	
Primary DNS Server	192.168.1.254
Secondary DNS Server	0.0.0.0
IPv6	
IPv6 Address	
IPv6 Subnet Prefix Length	0
IPv6 Default Gateway	
IPv6 LinkLocal	fe80::21c:63ff:fea6:265d/64
Port	
Base Port	2222 (1025~65535)
HTTP Port	80 (80, 1025~65535)
HTTPS Port	443 (443, 1025~65535)
RTSP Port	554 (554, 1025~65535)
Discovery	
UPNP	<input type="radio"/> Off <input checked="" type="radio"/> On
Zeroconf	<input type="radio"/> Off <input checked="" type="radio"/> On
WS Discovery	<input type="radio"/> Off <input checked="" type="radio"/> On
Authentication	
RTSP Authentication	<input checked="" type="radio"/> Off <input type="radio"/> On
HTTPAPI Authentication	<input checked="" type="radio"/> Off <input type="radio"/> On
One-way Streaming	
Mode	Off
SNMP	
SNMP Listen port	161 (0, 161, 1025~65535)
SNMP Trap Destination IP	0.0.0.0
SNMP Trap Destination Port	162 (0, 162, 1025~65535)
Multicast	
Multicast IP	224.10.0.0 (224.0.0.0 ~ 239.255.255.255)
TTL	64 (1~255)
DDNS	

Encoder settings , the main items to set
Include the Ports. For RTSP streaming Port 554
and for NORMAL streaming using our protocol
This is set to 2222

Decoder settings

IP Mode	Fixed IP
Local IP	192.168.1.101
Local Gateway	192.168.1.1
Local Subnet	255.255.255.0
DNS	
<input type="radio"/> Obtain DNS server address automatically	
<input checked="" type="radio"/> Use the following DNS server addresses	
Primary DNS Server	0.0.0.0
Secondary DNS Server	0.0.0.0
IPv6	
IPv6 Address	
IPv6 Subnet Prefix Length	0
IPv6 Default Gateway	
IPv6 LinkLocal	fe80::21c:63ff:fea7:1104/64
Port	
Base Port	2222 (1025~65535)
HTTP Port	80 (80, 1025~65535)
HTTPS Port	443 (443, 1025~65535)
RTSP Port	554 (554, 1025~65535)
Discovery	
UPNP	<input type="radio"/> Off <input checked="" type="radio"/> On
Zeroconf	<input type="radio"/> Off <input checked="" type="radio"/> On
WS Discovery	<input type="radio"/> Off <input checked="" type="radio"/> On
Authentication	
RTSP Authentication	<input checked="" type="radio"/> Off <input type="radio"/> On
HTTPAPI Authentication	<input checked="" type="radio"/> Off <input type="radio"/> On
SNMP	
SNMP Listen port	161 (0, 161, 1025~65535)
SNMP Trap Destination IP	0.0.0.0
SNMP Trap Destination Port	162 (0, 162, 1025~65535)
Remote	
Remote Type	RTSP
Media Protocol	TCP
Remote Address	rtsp://192.168.1.102/video1
Port	554
DNS	

Decoder settings , If you are streaming RTSP
Then under the REMOTE section select RTSP
And type in the full URL excluding the port
e.g rtsp://192.168.1.102/video1
Next select the same port you used for the
Encoder RTSP = 554

If you want to stream NORMAL
The settings would be
Remote Type: Normal
TCP
192.168.1.102
2222

If your streaming over the internet then the IP
address is replaced with your public IP address
See next slide for a Live Feed from Antrica

Live Feed from Antrica Decoder settings

IP Mode	Fixed IP
Local IP	192.168.1.101
Local Gateway	192.168.1.1
Local Subnet	255.255.255.0
DNS	
<input type="radio"/> Obtain DNS server address automatically	
<input checked="" type="radio"/> Use the following DNS server addresses	
Primary DNS Server	0.0.0.0
Secondary DNS Server	0.0.0.0
IPv6	
IPv6 Address	
IPv6 Subnet Prefix Length	0
IPv6 Default Gateway	
IPv6 LinkLocal	fe80::21c:63ff:fea7:1104/64
Port	
Base Port	2222 (1025~65535)
HTTP Port	80 (80, 1025~65535)
HTTPS Port	443 (443, 1025~65535)
RTSP Port	554 (554, 1025~65535)
Discovery	
UPNP	<input type="radio"/> Off <input checked="" type="radio"/> On
Zeroconf	<input type="radio"/> Off <input checked="" type="radio"/> On
WS Discovery	<input type="radio"/> Off <input checked="" type="radio"/> On
Authentication	
RTSP Authentication	<input checked="" type="radio"/> Off <input type="radio"/> On
HTTPAPI Authentication	<input checked="" type="radio"/> Off <input type="radio"/> On
SNMP	
SNMP Listen port	161 (0, 161, 1025~65535)
SNMP Trap Destination IP	0.0.0.0
SNMP Trap Destination Port	162 (0, 162, 1025~65535)
Remote	
Remote Type	RTSP
Media Protocol	TCP
Remote Address	rtsp://86.176.194.213/video1
Port	554