

# Genetec Security Centre (GSC) 5.7 and ANT-35000A

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# **Overview**

This guide to is provide advise on how to add and ANT-35000 series encoder to Genetec Security Centre 5.7.

The instructions are not detailed, but are intended to give advice / overview on how to "incorporate" the IP video from the ANT-35000 encoder into the Genetec Security Centre.

For further help and advice please contact Antrica on: Email: <u>support@antrica.com</u> Phone: +44 1628 626098 ext 3

# **Document info**

Version	date	author	Comments
1.0	28-Sep-18	David M	first pass use of Genetec 5.7 SR2
1.1	28-Sep-18	David M	Attempt to get HD resolutions
2.0	28-Apr-20	David M	Reformatted and made into user guide



## 1. Version used in this example

### 1.1. Genetec 5.7

Version 5.7 SR2 (5.7.607.140)

#### 1.2. ANT-35000

Tested with code version V3.803B03 and V3.708B01. The actual model used for testing is a ANT-35000A.

## 2. ANT-35000 setup within GSC

The ANT-35000 has been factory reset. **This required to remove any previous configuration of any VMS's**. The ANT-35000 is then setup as required; set source as HDMIp60 and resolution as 1920x1080. The ANT-35000 is configured with 4 streams, but only one is possibly required.

Figure 1 : ANT-35000 with only 4 streams configured

Video					
	Enable	Algorithm	Resolution	Bitrate	Framerate
Primary Encoding	On	H.264	1920x1080	3336 (kbps)	29 (fps)
Secondary#1 Encoding	On	H.264	1280x720	981 (kbps)	29 (fps)
Secondary#2 Encoding	On	H.264	720x480	468 (kbps)	29 (fps)
Secondary#3 Encoding	On	H.264	640x480	493 (kbps)	29 (fps)

### 2.1. Genetec 5.7 Config Tool

Figure 2 :Startup "config tool"

Desktop or start menu

	3 D
~	C. T.
C	onfig Tool





### 2.1.1. setup ANT-35000 as a camera

Figure 3 : Config tool - > Tasks -> Video

♠ Config Tool				
Tasks		· @>		
Private tasks		Surter:	Notes	
Public tasks	Area view	System	Video	Archive transfer
Tools				
Options				
About	System status	Audit trails	Activity trails	Health history
Log off				

Figure 4 : Archiver -> Add an entity -> Video unit





The ANT-35000 is an ONVIF device and IP address, access port (in this case 80), username and password are added manually

Figure 5 : "Manual add" of details

Manufacturer	
Product type:	All 🔹 🥤
IP address:	192 . 168 . 0 . 132 🔂 Hostname IPv6
HTTP port	80 🗘 😌
Authentication:	O Default logon
	© Specific
Username:	admin
Password:	••••
Use HTTPS:	OFF OFF
Location:	S WIN7-VM-GSC

The require resolution can be set within GSC, but GSC can only use the highest set or any lower resolution. So for example if the ANT-35000 is set at 1280x720, the resolution of 1920x1080 will not appear in this drop down list.

rigule o . complete l'esolution list	Figure 6	:	complete	resolution	list
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🚯 Config Tool 🖉 🖬 Video 🛛 🗙							
<li>k 🔌 🛱 😴 192.168.0.132 - Camera - C</li>	)1						
Search		Identity Video	Recording	Motion detection	KiwiVision analytics	Privacy protection	Visual tr
✓ S WIN7-VM-GSC						~.	
	Video quality:						
- 192.108.0.122 - Unit						<u> </u>	
Madia Poutar	Resolution:	H.264 720 x 480 (D1)	1	<b>.</b>		Always	
		H.264 720 x 480 (D1)				*	
	Quality:	H.264 720 x 576					
	Bit rate:	H.264 768 x 432		16384 kbps			
	Turante Part	H.264 800 x 600		100.0/			
	Image quality:	H.264 960 x 540		100 76			
	Frame rate:	H.264 960 x 600		. 60 fps			
	V Parate to be a set	H.264 1024 x 768		ber tasaa			
	Key frame interval:	H-204 1132 x 804		255 image			
	Recording frame rate:	H.264 1280 x 768					
		H.264 1280 x 960					
		H.264 1280 x 1024					
	Stream usage	H.264 1360 x 768		-			
	Live	H.264 1400 x 1050		Low resolution	High resolution		
		H.264 1440 x 900					
		H.264 1440 x 1080					
		H.264 1600 x 900					
		H.264 1680 x 1050	6	2			
	Network settings					3	
	Boost quality on manual re-	cording (Off)				-	
	Boost quality on event reco	rding (Off)				-	
	H.264 - 1 - H.20	54 - 2) 🚥 H.264 - 3)		1/			

The 4 tabs are for the 4 streams from the ANT-35000, as used in this example.



### 2.1.2. To view live video within GSC config tool

Figure 7 : GSC Visual tracking

✿ Config Tool       ♥ Video     ×								
< > 🛤 📼 192.168.0.132 - Camera - O								
Search 🕎		Identity Video	Recording	Hotion detection	♦ KiwiVision analytics	✓ Privacy protection	// Visual tracking	🐟 Hardware
▲ → 192.168.0.132 - Unit	Video quality:							
Telia Router	Resolution:	H.264 720 x 480 (D1	1) -			📾 Always		
	Quality:	Default settings						
	Bit rate:	4000 \$ 32 =		16384 kbps				
	Image quality:	28 ‡ 0 =						
	Frame rate:	30 ‡ 1						
	Key frame interval:	30 ‡ 1 🖽	>	255 image				
	Recording frame rate:	All frames	Ţ					
	Stream usage					•		
	Live	Recording	Remote	Low resolution	n High resolution			
	Network settings					•		
	Boost quality on manual rec	ording (Off)				-		
	Boost quality on event reco	rding (Off)				-		
C	H.264 - 1 H.26	i4 - 2) === H.264 - 3	3) 🚥 H.264 - 4	ſ				

Figure 8 : GSC live video





## 2.2. To view video via GSC Security Desk

Open Monitoring tab

Figure 9 : Tasks -> Monitoring



Select source and drag to quadrant

Figure 10 : select source and drag into a quadrant

🚯 Security Desk 🛛 🤻 Monitoring	×	
Search 💎	1/	2
🔺 🧶 WIN7-VM-GSC		
🐨 192.168.0.132 - Camera - 01		
192.168.0.132 - Camera - 01		
	3	4



#### Live Video with play back controls

Figure 11 : video in quadrant with play back controls

