

## VK2: How to add Hikvision Thermal Cameras to VK2-4KXDecoder

VISTA KN©WLEDGE BASE

## INTRODUCTION

The following Procedure explains how to add HikVision Thermal Camera Streams manually via RTSP to the Decoder {this method can also be used with the VIPER NVRS}

These units have 2x Dedicated cameras "Optical & Thermal" the Optical camera is discovered via "ONVIF" but the Thermal camera needs to be added via "RTSP"

See these related articles "How to add ONVIF Stream" "Enable ONVIF on HikVision Cameras"

## Note.

The procedure assumes you have already enabled "ONVIF Protocol" RTSP stream URL for Thermal Camera rtsp://IPADDRESS:554/Streaming/Channels/201?transportmode=unicast&profile=Profile\_201 rtsp://IPADDRESS:554/Streaming/Channels/202?transportmode=unicast&profile=Profile\_202

## Method

- Right click on screen with mouse, Menu appears then left click [Log In] enter user and password to login (Fig 1)
- Using the Mouse move the cursor to the centre of a free channel
- Left click on [Add to Ch] (Fig 2)

Zoom in Speaker Output Stop Alarm Setup	CHL CAN 3
Stop Alarm	
Setup	
Setup	
	Add to On
Log In	
Shutdown	× ,

Fig 1

Fig 2





- Camera Registration Menu will appear (Fig 3)
- Select Connection Mode and change to RTSP URL
- Enter Username and Password of camera device you are adding
- Enter the RTSP URL for Primary and Secondary Streams {if device only supports single stream enter Primary only
- If no secondary stream is available, no image will be displayed on layouts above 4way}
- Enter Port {default is 554 for RTSP} if this has been changed on device change to required port (Fig 4)

CH3 - Camera Regist	tration	×	CH9 - Camera Registra	ation	
	RTSP URL		Connection Mode	RTSP URL	
	admin		ID/PWD	admin	
				*******	
			RTSP URL		
		400.0	Primary	p://192.168.0.54:554/SI	treaming/Channels/201?transpor
	rtspo//		Secondary	sp://192.168.0.54:554/Streaming/Channels/202?transp	
	rtsp://	•	RTSP Port	554	
	554	■ :	Mode	RTSP	
	Regist Ca	scel		Regist	Cancel





- Once details have been entered select [Regist] (Fig 5)
- Streams will be added and displayed if correct details are entered (Fig 6)

CH9 - Camera Registra	tion	×	CONSTRUCTION 18-06-2820 18:00:37	06-18-2020 Thu 10	
Connection Mode	RTSP URL	~			02.20
ID/PWD	admin				MAX:42()
	****				
RTSP URL			P	RETTO	21.1℃
Primary	sp://192.168.0.54:554/Streaming/Channels/	201?transpor 📖	SMC T	Camera OS	Camera 02
Secondary	sp://192.168.0.54:554/Streaming/Channels/	202?transpor 📖			
RTSP Port	554	■ ‡			
Mode	RTSP	~	Qvista		
	Regist Cancel			: 04094323 91, 80 30 201	



Fig 6

This completes the procedure.

