

Quick Guide

HIKVISION UAE TEAM

21-9-21



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Description

The SIRA approved web service will support only on approved Model which is available in below link, if the model or FW is different than mentioned in below link, it will not support web service.

https://www.hikvision.com/mena-en/support/download/sira-certificate-and-firmware/

About the configuraton of Video Guard Service, We need to configure 5 places, they are:

- 1. Alarm setting;
- 2. NTP;
- 3. VIDEO LOSS;
- 4. HDD FULL;
- 5. HDD ERROR;

Preparation

- 1. Upgrade the device to the firmware approved by the SIRA agency.
- 2. **Reset** the NVR/DVR to default (backup the setting file before reset)
- 3. The device must enable the **DHCP** function at the **Network-General** interface

✿ General	eneral Platform Access PPPC	E DDNS NTP	Email NAT More Settings
- Network	NIC Туре	10M/100M/1000M Self	f-adaptive
	Enable DHCP		
Alarm	IPv4 Address 10 .9 .96 .87		IPv6 Address 1 fe80::aa1:89ff:fe33:f447/64
 Live View 	IPv4 Subnet 255 .255 .255 .0		IPv6 Address 2
	IPv4 Default G 10 .9 .96 .25	54	IPv6 Default G
▲ Exceptions	MAC Address	08:a1:89:33:f4:47	
العد User	MTU(Bytes)	1500	
	Enable DNS DHCP		
	Preferred DNS Server	10.1.7.97	Statement of the local division of the local
	Alternate DNS Server	10.1.7.98	
		ĸ	
ومنصب ويعبره التعيير التلج الأرا			

Local GUI3.0 Network interface

4. Network NIC **better to use LAN1 for Video Guard** or make sure the default route selected. If VG is connected to LAN2 then select Default route as LAN 2.





How to Config Video Guard WEB service

HIKVISION	Live View Playb	ack Picture	Application Configuration
Local System System Network Basic Settings Advanced Settings Utility Video(Aurio	TCP/IP DDNS PPP Working Mode	Multi-address	
image	IPv4 Address IPv4 Subnet Mask IPv4 Default Gateway	192.188.1.64 255.255.255.0	©
Storage C Vehicle Detection C VCA	IPv8 Mode IPv8 Address Subnet Prefix Length	Route Advertisement	View Route Advertisement
Target Capture	IPv6 Default Gateway Mac Address MTU	:: bc:ad:28:e1:55:82 1500	
	DNS Server	CE Arts DNC	
	Preferred DNS Server Alternate DNS Server	Auto UNS 8.8.8.8	0
	Default Route	Lan1	

5. Don't Enable Hik-connect while connect with Video guard.

Configuration Steps

Go to below option to config the web service (DVR need to config with Local GUI).

 At Alarm Receiver Settings interface of DVR, you need to input correct address, port and interval.
 Server Address: 192.168.14.30
 Server Port: 2020

Interval: Once

		Cor	nfiguration					
General	Platform Access	PPPOE	DDNS	NTP	Email	NAT	Alarm Receiver Settings	More Settin
Server Add	iress	192.1	68.14.30					
Server Por	t	2020						
Alarm Type		Video	Loss					
Camera		[A1] R	105-C01 9			DOR		
Interval		once						

Local GUI3.0 Alarm Receiver Settings Interface



How to Config Video Guard WEB service

NVR 4.0		(\triangle)		<u>ک</u> لڑ		٢
ලිටු General	Email Platform	n Access Alarn	n Receiver Settings	More Settings	Log Server Settings	
L User	Server Address	192.168.14.30				
Network	Server Port	2020				
TCP/IP	Alarm Type	Video Loss		•		
Advanced	Camera	[D1] iDS-2CD	6024FWD	-		
Event	Interval	once		•		
() RS-232						
Holiday						

Local GUI4.0 Alarm Receiver Settings Interface

HIK	VISION	Live View	Playback	Picture	Applicatio	on Conf	iguration		
Ţ	Local	SNMP Email	Platform Access	Alarm Receiver S	ettings Ne	etwork Service	802.1x	Other	Inte
	System	Server Address	192.168	8.14.30					
Ð	Network	Server Port	2020		 Image: A start of the start of				
	Basic Settings	Alarm Type	Video L	_055	~				
	Advanced Settings	Camera	[D1] DS	6-2CD4D26FWD-IZS	i v				
.Q.	Video/Audio	Interval	once		~				
1	Image								
圁	Event	🗎 s	ave						
8	Storage								

Device Webpage Alarm Receiver Settings Interface

Note :

Normally, device don't need to configure the More Settings interface-alarm host IP. But if the site required , you can configure it.

			Configura	tion			
General	Platform Access PPPC		NTP	Email	NAT	Alarm Receiver Settings	More Settings
Network	Alarm Host IP Alarm Host Port	0					
Alarm	Server Port	81	000				
I heo Menur	HTTP Port	8)				
Live view	Multicast IP						
Exceptions	RTSP Port	5	54				
User	Output Bandwidth Limit					and the second	
	Output Bandwidth (Mbps)	1	28				

Local GUI3.0 More Settings Interface



How to Config Video Guard WEB service

VR 4.0			S L	
General	Email Platform Acc	ess Alarm Receiver Settings	More Settings	Log Server Settings
User	Alarm Host IP			
Network	Alarm Host Port			
TCP/IP	Server Port	8000		
Advanced	HTTP Port	80		
Event	Multicast IP			
Live View	DTSD Dort	664		
RS-232	RTSP POR	004		
Holiday	IoT Monitoring Port	30999		
	Enhanced SDK Ser	8443		

Local GUI4.0 More Settings Interface

HII	VISION	Live View	Playback	Picture	Application	Configuration	
Ţ	Local	SNMP Ema	il Platform Access	Alarm Receiver S	ettings Network Se	rvice 802.1x Oth	ier
	System	Alarm Host IF					
Ð	Network	Alarm Host P	ort				
	Basic Settings	Multicast Add	ress				
	Advanced Settings	Video Downlo	ad Bandwidth 262144		Kbps		
₽ <mark>.</mark>	Video/Audio	Enable IP	Camera Occupation De	tection			
14	Image						
Ē	Event	B	Save				

Device Webpage Others Interface

2. Must enable NTP server. Input correct parameters:

NTP Server: 192.168.14.30

NTP Port: 123

Interval: 2mins

			C	onfigura	tion			
& General	Platform Access	PPPOE	DDNS	NTP	Email	NAT	Alarm Receiver Settings	More
Naturark	Enable NTP		-					
Network	Interval (min)		2					
Alerm	NTP Server		192	.168.14	30			
- Live View	NTP Port		123					
A Exceptions								
. Liner								

Local GUI3.0 NTP Interface



HIKVISION	Live View	Playback	Picture	Application	Configuration
C Local	Basic Information	Time Settings	RS-232 RS-48	5 Menu Output	About
= System	Time Zone	(GMT+	04:00) Caucasus Si	andard Time	~
System Settings	NTP				
Maintenance	NTP				
Security	Server Address	192.168	3.14.30	\checkmark	
Camera Management	NTP Port	123			
User Management	Interval	1		minute(s) 📀	
Live View Settings					

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Device Webpage NTP Interface

3. Must enable All channels, Video Loss Alarm and Notify surveillance Center.



Local GUI3.0 Video Loss Interface





	Camera Management
Camera	Video Loss
OSD	Settings Arming Schedule Linkage Action
5 Image	Full Screen Monitoring
O PTZ	Audible Warning Notify Surveillance Center
* Motion	Send Email
Privacy Mask	Upload Captured Pictures To Cloud
 ♦ Video Tampering ▶ Video Loss ♥ VCA ♥ Video Quality Dia 	ngn
	Apply OK Cancel
A Live View	Copy Apply Back

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Local GUI3.0 Video Loss Linkage Action Interface



Local GUI3.0 Video Loss Copy Interface



How to Config Video Guard WEB service

25	General		Motion Detection Video Tampering Video Loss Alarm Input Alarm Output Exce	ption
ß	User		Camera [D1] iDS-2CD6024FWD -	
₽	Network	2	Enable 🖸	
	Event	~	Arming Schedule Linkage Action	
	Normal Event		Normal Linkage Trigger Alarm Output	
	Smart Event		Full Screen Moni Local->1	
R	Live View	>	✓ Audible Warning □192.168.103.226:8000->1	

Local GUI4.0 Video Loss Interface

	VISION	Live View	Playback	Picture	Application	Configuration
₽ 10 00	Local System Network Video/Audio	Motion Vic Camera I Enable V Arming So	ideo Tampering Video [[D1] D2 Video Loss Detection Video Loss Detection	Alarm Inpu 3-2CD4D26FWD-IZ	ut Alarm Output	Exception
10	Image	🗌 Norma	al Linkage	Trigger Alarm	Output	
Ē	Event	Audible	2 Warning	□ A->1		
	Basic Event	Send E	mail	□ A->2		
-	Smart Event	☑ Notify \$	Surveillance Center	□ A->3		
B	Storage	Full Sc	reen Monitoring	□ A->4		

Device Webpage Video Loss Interface

4. Must enable HDD Error and Notify surveillance Center.





How to Config Video Guard WEB service

	Company States and	Configuration
🕸 General	Exception	
S Network	Enable Event Hint	
	Event Hint Settings	•
Alarm	Exception Type	HDD Error
🗢 Live View	Audible Warning	
	Notify Surveillance Center	
	Send Email	
at User	Trigger Alarm Output	
		•
A Live View		Apply Back



NV	R 4.0		A)		لحرا		
() ← ()	General User Network Event	~	Motion Detection V Enable Event Hint Event Hint Config Exception Type	/ideo Tamp ☑ ④ HDD Err	ering Video Loss / or +	Alarm Input	Alarm Output	Exception
U II	Normal Event Smart Event Live View Holiday	>	☐ Normal Linkage ✓ Audible Warnin ✓ Notify Surveilla	e Ig Ince	Trigger Alarm Out Local->1 192.168.103.226:8	put 1000->1	N	
			Send Email					

Local GUI4.0 HDD Error Interface





How to Config Video Guard WEB service

HIKVISION	Live View	Playback	Picture	Application	Configuration
🖵 Local	Motion Video	Tampering Video L	oss Alarm Input	Alarm Output	Exception
E System	Exception Type	HDD Erro	or	\sim	
Network	Normal Li	nkage	Trigger Alarm Ou	ıtput	
🖉 Video/Audio	Audible Wa	arning	□ A->1		
🔝 Image	Send Email	il	□ A->2		
li Event	☑ Notify Surv	veillance Center	□ A->3		
Basic Event			🗆 A->4		
Smart Event			🗆 D1->1		

Device Webpage HDD Error Interface

5. Must enable HDD Full and Notify surveillance Center.

		Configuration
eneral	Exception	
etwork	Enable Event Hint	
	Event Hint Settings	
arm	Exception Type	HDD Full
ive View	Audible Warning	
	Notify Surveillance Center	
Exceptions	Send Email	
User	Trigger Alarm Output	
	k	
Live View		
The view		Apply Back

Local GUI3.0 HDD Full Interface





How to Config Video Guard WEB service

NV	R 4.0			
6	General	Motion Detection Video Tam	npering Video Loss Alarm Input	Alarm Output Exception
B	User	Enable Event Hint		
	Network	Event Hint Config		
	Event ~	Exception Type HDD Fi	ull	
	Smart Event	Normal Linkage	Trigger Alarm Output	*
0	Live View	Audible Warning	Local->1	
-		Notify Surveillance		0
Ş	RS-232			V
	Holiday	Send Email	192.168.103.113.8000->1	
	POS			
Ŧ	Hot Spare			

Local GUI4.0 HDD Full Interface (System - Event - Exception)

HIKVISION	Live View	Playback	Picture	Application	Configuration
🖵 Local	Motion Vide	o Tampering Video	Loss Alarm Input	Alarm Output	Exception
System Network	Normal	Linkage Warning	Trigger Alarm O	utput	
Video/Audio		nail	□ A->2		
Event Basic Event	Notify Su	irveiliance Center	□ A->3 □ A->4		
Smart Event			□ D1->1		

Device Webpage HDD Full Interface

Note:

Suggest the device enable overwrite. You can click Storage – Advanced – Select Overwrite. If overwrite not enabled, Video Guard will receive HDD full alarm.

NVR 4.0				
Schedule	Overwrite			
E Storage Management	eSATA	eSATA1	•	
Storage Mode	Usage	Record/Capture	-	
Auto Backup	Enable HDD Sleeping			
Advanced	Enable RAID			
	Log Storage Mode	System Default		





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