



ONVIF Gözetim Giriş

ONVIF (Open Network Video Interface Forum) IP tabanlı fiziksel security ürünleri arasındaki iletişim standardıdır. ONVIF'in desteklenmesi, bir network video kaydedicisine bağlı bir web kamerası, izleme yazılımına bağlı bir web kamerası ve bir erişim kontrol sistemi gibi security ürünlerinde bir eğilimdir.

VigorSwitch ayrıca, 2.5.0 firmware versiyonundan bu yana ONVIF cihazlarının izlenmesini destekleyebilir. IP kamerayı yönetmeye ve yapılandırmaya ek olarak, administratorler video akışlarını doğrudan VigorSwitch WebUI'sinden görüntüleyebilir. İşte referans için bazı yönetim durumu.

- Birkaç ONVIF cihazı ekleyin ve merkezi bir hiyerarşik görünüm elde edin.



- IP kameraların ve NVR'ların durumunu görsel olarak yönetin ve izleyin. Örneğin, PoE, port enable , traffic, downlink, vb.

ONVIF Device	adminA		ONVIF Device	aaaaaaa	•	ngin	
Admin Osemanie	Device	Information	Adhini Passivolu			Time and Date	
Device Name	RD1 Cam	0			Current Time	Jan 9, 2019 Wed 14:21:12	0
Manufacturer	DLink				Time Zone	UTC+8	
Model	DCS-2130				Daylight Saving	Disabled	
MAC	00ABCD123456					Device Action	
Firmware	0.00.99	Upgrade			Configuration Backup	Backup Configuration	
Administrative IP	192.168.201.2				Factory Default	Set Factory Default	
Location	RDI				Rebot	Rebott	





- WebUI'den real time videoyu kontrol edin



Vigorswitch'te ONVIF nasıl kurulur?

1. ONVIF Surveillance>Discovery bölümüne gidin, ONVIF discovery başlatmak için Enable'ye tıklayın.

ONVIF Surveillance > Disco	very > Discovery
Discovery	
State:	Enable Disable
Apply	

2.ONVIF Surveillance>Topology>Status'a gidin. ONVIF cihazlarının merkezi ve uzaktan yönetimini görebiliriz

- PoE usage
- Port enabled
- Traffic
- Downlink

2 4 6 8 10 12 14 16 18 20 22 24 26 28 1 3 5 7 9 11 13 15 17 19 21 23 25 27	PoE	7	A Po	E error	0					=	NVR	2	😈 Car	mera 10	Switchs
2 4 6 8 10 12 14 16 18 20 22 24 26 28 10/100m 1 3 5 7 9 11 13 15 17 19 21 23 25 27	ō	₫	0		P10	P12	P14	P16	Ę	P20	ē	ē	P26	P28	
1 3 5 7 9 11 13 15 17 19 21 23 25 27	2	4	6	8	10	12	14	16	18	20	22	24	26	28	■ 10/100m ■ 1000m
	1	3	5	7	9	11	13	15	17	19	21	23	25	27	





3. Network video cihazlarına yeni bir grup eklemek için Add New Group'a tıklatın.

	Group Information		
Nep 1	+Add New Group		
II Group Name	Group Devices	It Port	11 Modify
demo	1	0/0 0/0	Ø 👩 🕂
			×
	Edit	Group - demo	
		1-2	
		General Setting	
		Group Name	
	demo		
		All IPC Group	
		Group Leader	
	GE7 - FD8169A	New York Contract Contract State	
		Group Device	
	Nothing selected	*	
		Port Enable	
		Reset all ports	
		Enable 🕘 Disable	
		Port PoE	
		Reset all ports	
		Enable Olisable	
		VLAN	
	default (1)		
	_		
	Ne	Cancel	

4. Cihazı düzenlemek ve ONVIF grubunuza eklemek için kamera simgesini tıklayın.

ONVIF Surveillance > Topology > Status	Edit Device – RD1 Cam	×
Group All -	Status	
	Online	
90E 7 4	Port	Camera 10
1	GE2	
	Device Name	
	RD1 Cam	
2 4 6	Group	10/100m
	DrayTek1	2 1000m
	ONVIE Device Admin Username	
	adminmk	
PS P	ONVIF Device Admin Password	
Statue Throughout Alert	mkadmin	Ø
Throughput court	Location	
	Set up location manually	
Total Group 0 + Add New Group	Global	
		and the second se
11 Group Name	Reboot OK Cancel	Port 11 Modify





- 5. Throughput Threshold, ONVIF portunun çıkış hızını izlemenize yardımcı olabilir. Egress Rate veya Ingress Raate Threshold'u aştığında uyarı e-postası gönderilir.
- a. Mail Alert> Alert Setting'e git.
- b. SMTP yapılandırmasını ayarlayın.
- c. "ONVIF Throughput Threshold" u Alert Type olarak seçin.
- Mail Alert > Alert Setting > Alert Setting

State:	e Enable Disable	
SMTP Server:	smtp.gmail.com	
	(Note: Some smtp servers have transfer restrictions. Please ch	eck rule of the server.)
SMTP Port:	465	
Authentication:	Enable Disable	
User Name:	username	
Password:	password	
Encryption:	Disable	•
Sender:	sender@example.com (Setting may not be applied on some serv	ers.)
Receiver:	receiver1@example.com,receiver2@example.com,	Up to 255 characters.
Min. Transmit Interval:	5	(1 - 60) sec.
Alert Type:	ONV/F Throughout Threshold	

d. ONVIF Surveillance>Topology>Status'a gidin ONVIF portunuzdaki Ingress Rate/ Egress Rate'e dönün.

				Throughput T	reshold Setting				
		Note: Throughput Threshold is to check the rate	e of a single port, not a sir	ngle device.					
		Ports:		Nothing selected		. .			
		Ingress Threshold Mailalert:		🕘 Enable 🔹 Disable					
		Ingress Rate (Kbps):				(16-1000000, multiple of 16)			
		Egress Threshold Mailalert:		🔆 Enable 🔹 Disable					
		Egress Rate (Kbps):				(16-1000000, multiple of 16)			
					sply				
ort	11	Current Ingress (Kbps)	Current Egress (Kbps	s) 11	Ingress Aler	rt Threshold (Kbps)	Egress Alert Threshold (Kbps)	11	Modify
°ort 9E1	11	Current Ingress (Kbps)	Current Egress (Kbps	s) (17	Ingress Aler	rt Threshold (Kbps)	Egress Alert Threshold (Kbps)	11	Modify
Port GE1 GE2	11	Current Ingress (Kbps)	Current Egress (Kbps 0	s) 11	Ingress Aler off	rt Threshold (Kbps)	Egress Alert Threshold (Kbps) off off	11	Modify
Port GE1 GE2 GE3	17	Current Ingress (Kbps) II 0 0 0	Current Egress (Kbps 0 0 0	11 (4	Ingress Aler off off	rt Threshold (Kbps)	Egress Alert Threshold (Kbps) off off off	11	Modify Modify Modify Modify Modify
Fort SE1 SE2 SE3 SE4	17	Current Ingress (Kbps) II 0 0 0 0	Current Egress (Kbps 0 0 0 0	a)	Ingress Aler off off off	rt Threshold (Kbps)	Egress Alert Threshold (Kbps) off off off off off	11	Modify 9 9 9
Port GE1 GE2 GE3 GE4 GE5	11	Current Ingress (Kbps)	Current Egress (Kbps 0 0 0 0 0 0	a) It	Ingress Aler off off off off	rt Threshold (Kbps)	Egress Alert Threshold (Kbps) off off off off off off off off	11	Modify O O O O O O O O O
Port GE1 GE2 GE3 GE4 GE5 GE6	17	Current Ingress (Kbps)	Current Egress (Kbpr 0 0 0 0 0 0 0 0	a) It	Ingress Alex off off off off off off	rt Threshold (Kbps)	Egress Alert Threshold (Kbps) off	11	Modify 2 2 2 2 2 2 2 2 2 2 2 2 2
Port	11	Current Ingress (Kbps)	Current Egress (Kbps) 0 0 0 0 0 0 0 0 0	11 (e	Ingress Alex off off off off off off off off	rt Threshold (Kbps)	Egress Alert Threshold (Kbps) off off	11	Modify O O O O O O O O O O O O O





e. Port Throughput Threshold'a ulaştığında bir e-posta uyarısı alacaksınız

```
Device Model : VigorSwitch P2280

System Name : FAE_P2280

IP Address : 192.168.39.251

MAC Address :

Management VLAN : 1

Log : (Time ; Message)

2019-06-13 Thu 00:12:15; GE9 reached the throughput threshold (egress limit).

2019-06-13 Thu 00:12:15; GE24 reached the throughput threshold (egress limit).

2019-06-13 Thu 00:12:15; GE27 reached the throughput threshold (egress limit).
```

6. Ayrıca, Switch üzerinde daha fazla yapılandırma ve yönetim ayarlayabiliriz. ONVIF Surveillance> Device
 Maintenance bölümüne gidin, cihazın Username ve Password'ünü girin.

Dray Tek											VigorSwite	ch P228
Auto Logout: Off	*		Admin									₿
Dashboard		ONVIF Surveillance > Device Ma	aintenance > Network									
Status	~	Group A	•									
Switch LAN	*	Device List	, in the second s									
		Select all Search by Device N	lame, MAC, IP			-						
Discovery		Device Name Floor1 NV	R					-			1. []	
Topology		Administrative IP 192.168.2	01.1	0		P10 P12	P14 P10	45			1428	
Video		Device Name RD1 Cam				10 12	14 16	18 20) 22	24 26	28	00m
Device Maintenance		Administrative IP 192.168.2	01.2					0.0			1 - ³⁰⁰⁰	
Security	*	Device Name MIS Cam		1 3	5 7	9 11	13 15	17 15	21	23 25	27	
ACL	*	Administrative IP 192.168.2	01.4	1 P1	P5 P7	P9 P11	P11 P15		P21	P23 P25	927	
QoS	*	Device Name RD1 Cam										
PoE	*	Administrative IP 192.168.2	01.6									
System Maintenance	*											
Diagnostics	*	General Network Security	Device Ping Check									
Mail Alert		ONVIF Device adminA		ONVIF Device Admin Password	aaaaaaaa		@ L	nigin				
Product Registration		Mode:) Static	DHCP								
		Host Name:	RD1 Cam									
		IP Address:	192 168 201 2									
		Subnet Mask:	255.255.255.0									
		Gateway:	192 168 201 1									
		DNS Server1:	8.8.8.8									
		DNS Server2:	8.8.4.4									
		Zero Configuration:	Enable	O Disable								
		Apply										



netfast

Bundan sonra, IP kameraları veya NVR'ları uzaktan ayarlayabiliriz.

• Firmware Upgrade

	and the second se	Admin	00:00:00 🕞
	Dashboard	ONVIF Surveillance > Device Maintenance > Gene	Eirmware Linnrade
	Status	Group Group A	Calert Ela
Image: Section	Switch LAN	- Device List	Select rate
Image:	ONVIF Surveillance	Select all Search by Device Name, MAC, IP	OK Cancel
Note	Discovery	Device Name Floor1 NVR	
Wint wint wint wint wint wint wint wint w	Topology	Administrative IP 192 198 201.1	
wwwwwield wwwwwwield wwwwwield wwwwwield wwwwwwield wwwwwwield wwwwwwield wwwwwwield wwwwwwield wwwwwwield wwwwwwield wwwwwwield wwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwwww	Video	Device Name RD1 Cam	
Action Image: State St	Device Maintenance	Administrative IP 192 168 201 2	
Note: Note: <td< td=""><td>Security</td><td>Device Name MIS Cam</td><td></td></td<>	Security	Device Name MIS Cam	
Nei Wei Wei Wei Default Orge Wei Wei	ACL	Y Administrative P 192.108.201.4	
Image: set in the set in	QUS	Device Name RD1 Cam	
Disposition Disposition Biggingenen	System Maintenance	•	
Market Were were Back Reperson Were were Were were UW were Back Reperson Back Reperson Were were Back Reperson Were were Back Reperson Were were Back Reperson Back Reperson Back Reperson Poetfault Back Reperson Derive were Derive Kere * Were Market Derive Kere * Were Market Derive Kere * Uwere Name One Project Kere * Uwere Name Derive Kere * Uwere Name One Project Kere * Uwere Name On	Diagnostics	General Network Security Device Ping Check	
Periodic Registion Periodic Registion Event mum if it is an intervent inter	Mail Alert	ONVIF Device adminA	ONVIF Device aaaaaaaa @ Loger
Image: Secure reme the Law reme field Car reme the Law reme the L	Product Registration	Device Information	Time and Date
Image: Build and and and and and and and and and an		Device Name RD1 Cam	Current Time Jan 9, 2019 Wed 14:21:12
wei D01/2320 Moc 00440203346 Moc 0044020346 Moc 004404020346 <		Manufacturer DLink	Time Zone UTC+8
Wetwork Society V bevice Provide Pring Check * Device Information * Device Pring Check * Device Information <		Model DCS-2130	Daylight Saving Disabled
Image: Base in the second		MAC 00ABCD123456	Device Action
Network Book Iteration Network Interation Interation </td <td></td> <td>Firmware 0.00.99 Upprice</td> <td>Configuration Backup Configuration</td>		Firmware 0.00.99 Upprice	Configuration Backup Configuration
Indiana Indiana Indiana Indiana		Administrative IP 192.168.201.2	Factory Default Bebort
Intervention Backup / Default Device Intervention Intervention <td></td> <td>Location RD1</td> <td>Rebox</td>		Location RD1	Rebox
Device formame ONVIF Device Action Device Information Image: Current Time e Name RD1 Cam RD1 Cam Current Time DLink Time Zone DCS-2130 Device Action 0ABCD123456 Device Action are 0.00.99 Upgrade Configuration Backup istrative IP 192.168.2012 on RD1			
Device Information Current Time Jan 9, 2019 Wed 14:21:12 e Name RD1 Cam Current Time Jan 9, 2019 Wed 14:21:12 iacturer DLink Time Zone UTC+8 i DCS-2130 Descent Time Descent Time i OABCD123456 Desciee Action aree 0.00.99 Upgrade i Strative IP 192.168.201.2 Factory Default on RD1 Reboot	uration Bac Default Device	vkup urity Device Ping Check	
Inductive DLink Time Zone UTC+8 DCS-2130 Daylight Saving Disabled 00ABCD123456 Daylight Saving Device Action are 0.00.99 Upprade Configuration Backup Backup Configuration istrative IP 192.168.201.2 Factory Default Set Factory Default on RD1 Reboot Reboot	uration Bac 7 Default Device al Network Sec Device Username admin	vity Device Ping Check	aaaaaaa e Login
DCS-2130 Daylight Saving Disabled 00ABCD123456 Device Action Device Action rare 0.00.99 Upgrade Configuration Backup Backup Configuration istrative IP 192.168.201.2 Factory Default Set Factory Default on RD1 Reboot Reboot Reboot	uration Bac Default Device Wetwork Sec Device admin Network RE	virity Device Ping Check TA ONVIF Device Admin Password Device Information 1 Cam	aaaaaaaa Current Time and Date Current Time Jan 9, 2019 Wed 14:21:12
Device Action are 0.00.99 Upgrade Configuration Backup Backup Configuration istrative IP 192.168.201.2 Factory Default Set Factory Default on RD1 Reboot Reboot	uration Bac Default Device a Network Sec Device admin Network RD admin Name RD acturer DL	ckup urity Device Ping Check hA ONVIF Device Admin Password Device Information 1 Cam	aaaaaaaa Cogin Ime and Date Current Time Jan 9, 2019 Wed 14:21:12
Instruction Description Description instruction 192.168.201.2 Factory Default Drin RD1 Reboot Reboot	Uration Bac / Default Device al Network Set Device admin Name RD acturer DL	ckup urity Device Ping Check Device Ping Check Device Information 1 Cam S-2130	aaaaaaa Login Image: Current Time Jan 9, 2019 Wed 14:21:12 Current Time Jan 9, 2019 Wed 14:21:12 Time Zone UTC+8 Daylight Saving Disabled
on RD1 Reboot Reboot	uration Bac / Default Device at Network Sec Device admin Username admin aturer DL acturer DL 00/ 00/ 00/	Unity Device Ping Check NVIF Device Admin Password Device Information 0 11 Cam 0 ink: 1 S-2130 0 ABCD123456 0	aaaaaaa Login Image: Current Time Jan 9, 2019 Wed 14:21:12 Current Time Jan 9, 2019 Wed 14:21:12 Time Zone UTC+8 Daylight Saving Disabled Device Action Device Action
	uration Bac / Default Device al Network Sec Device Username admin Name RD acturer DL acturer DL acturer DL sra 0.00 are 0.00	ckup urity Device Ping Check NA ONVIF Device Admin Password Device Information 11 Cam S-2130 ABCD123456 0.99 Upgrade 21.168.2012	aaaaaaaa Login Image: Current Time Jan 9, 2019 Wed 14:21:12 Current Time Jan 9, 2019 Wed 14:21:12 Time Zone UTC+8 Daylight Saving Disabled Daylight Saving Disabled Configuration Backup Backup Configuration Factory Default Set Factory Default





7. ONVIF Surveillance>Video bölümünde, real-time videoyu network video cihazlarından görebilirsiniz.

