D-Link
Building Networks for People

Canal YouTube www.youtube.com/DLINKIberiaTV

DNR-2020-04P / DNR-322L / DCS-260

Descubre los nuevos Videograbadores de D-Link

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What is a NVR? Why using it?

A NVR (Network Video Recorder) is a software program running on dedicated device with its own embedded operating system. An NVR has non-dedicated video capture hardware. Video is encoded and processed at the camera, then streamed to the NVR for storage or remote viewing.

A NVR provides complete network video recording functions to enable users to manage network cameras, receive the video data stream of network IP cameras and store it into the hard disks of the NVR.

NVRs are probably the easiest way to deploy a cost effective, reliable, scalable and flexible IP-based video surveillance system.

Benefits of NVRs

- Cost-effectiveness
- Scalability
- Reliability/Durability
- Fault tolerant
- Stability
- Ease of installation / Minor configuration time
- Advanced Manageability
- No additional costs

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DNR-2020-04P & DNR-322L B1 Key Features

- Support up to 16-channels live view, playback and recording
- Support M-JPEG, MPEG4 and H.264 video format
- Simultaneous live view, recording and playback
- Synchronized Audio & Video recording. Two-way audio.
- Power fail recovery recording
- E-map support for indicating the locations of the IP cameras
- Multiple recording mode: Motion detection record, record by schedule, manual record
- Continuously recording with automatic overwrite function
- Support real-time remote monitoring and playback via a web browser using the mydlink website (DNR-322L B1) or the NVR's web GUI
- Export video clips from the playback as evidence (including watermark)
- Embedded two SATA III 3.5" HDDs* interface. Supports JBOD/RAID 0/1).

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*HDDs not included

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DNR-2020-04P & DNR-322L B1 Key Features

- Standalone NVR solution, supporting USB mouse/keyboard and HDMI/VGA monitor (DNR-2020-04P).
- Smart Search function. Inspects the video footage by selecting an area/sensitivity on the video (DNR-2020-04P standalone mode)
- Power over Ethernet (PoE), the NVR supplies power to up to four PoE cameras (45W power budget), saving valuable time and electrical installation costs during setup (DNR-2020-04P).
- PPPoE, DHCP and Static IP assignment support
- Scan camera feature for finding and configuring D-Link cameras connected to network automatically

DNR-322L B1

DNR-2020-04P

IP Surveillance Portfolio

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Vigilance Product Portfolio

	HD Wireless Camera DCS-4201	**Full HD Outdoor Vandal-Proof PoE Dome Camera** DCS-4602EV	**Full HD PoE Dome Camera** DCS-4603	**HD Outdoor PoE Mini Bullet Camera** DCS-4701E	**Full HD Outdoor PoE Mini Dome Camera** DCS-4802E	**HD Outdoor PoE Mini Bullet Camera** DCS-4703E	**Fisheye 360° Full HD PoE Network Camera** DCS-4622
Indoor/Outdoor	Indoor only	Indoor and Outdoor IP66	Indoor only	Indoor and Outdoor IP66	Indoor and Outdoor IP66	Indoor and Outdoor IP66	Indoor only
Vandal-proof		√ (IK10)					
Resolution	1-Megapixel 1280x720 @30fps	2-Megapixel 1980x1080 @ 30fps	3-Megapixel 2048 x 1536 @ 15fps	1.3-Megapixel 1280x720 @ 30fps	2-Megapixel 1920x1080 @ 30fps	3-Megapixel 2048 x 1536 @ 15fps	3-Megapixel 1920x1536 @ 15fps
Night vision range	10 m	20 m	10 m	30 m	20 m	20m	8m
Wide Dynamic Range (WDR)		√	√	√	√	√	√
3D noise reduction (3DNR)	√	√	√	√	√	√	√
LowLight+				√			
Motion detection	√	√	√	√	√	√	√
Enhanced PIR motion detection	√						
Built-in microphone and speaker	√						√
MicroSD card for local video recording	√						√
Gimbal		2-axis	3-axis		3-axis		Tilt only (15 degrees)
Usage	Ideal for general indoor monitoring and recording	Ideal for building entrance and areas that are prone to vandalism	Ideal for offices and retail outlets, covering reception areas and building entrances	Ideal for outdoor entrance and building perimeter	Ideal for discrete indoor or outdoor monitoring	Ideal for outdoor entrance and building perimeter	Ideal for offices and retail outlets, covering reception areas and building entrances

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NVR Portfolio

Business

mydlink

DNR-2020-04P

All-in-one NVR
2-bay Hard Drive
16 channels support
1 x HDMI / 1 x VGA
Integrated PoE Switch (45W)
3rd-party Devices

DNR-312L

Standalone
mydlink NVR
1-bay Hard Drive
9 channels support
1 x HDMI

DNR-322L B1

mydlink NVR
2-bay Hard Drive
16 channels support
3rd-party Devices

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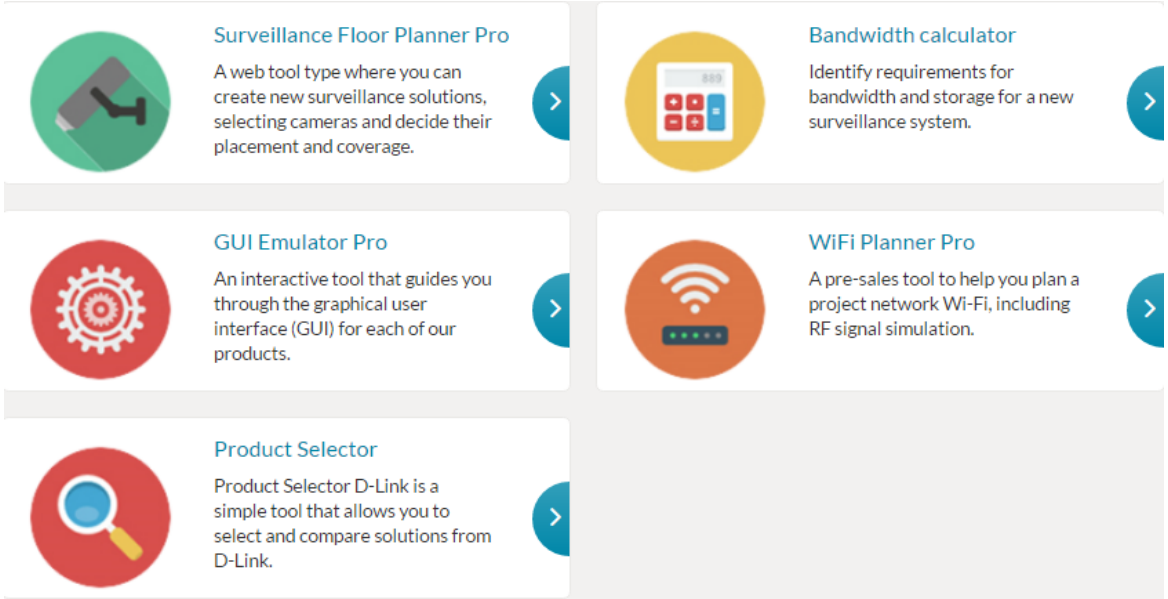
VIP+ Portal Tools

http://www.dlink.com/es/es/partners/value-in-partnership
https://www.youtube.com/watch?v=fE3mVU7uglk

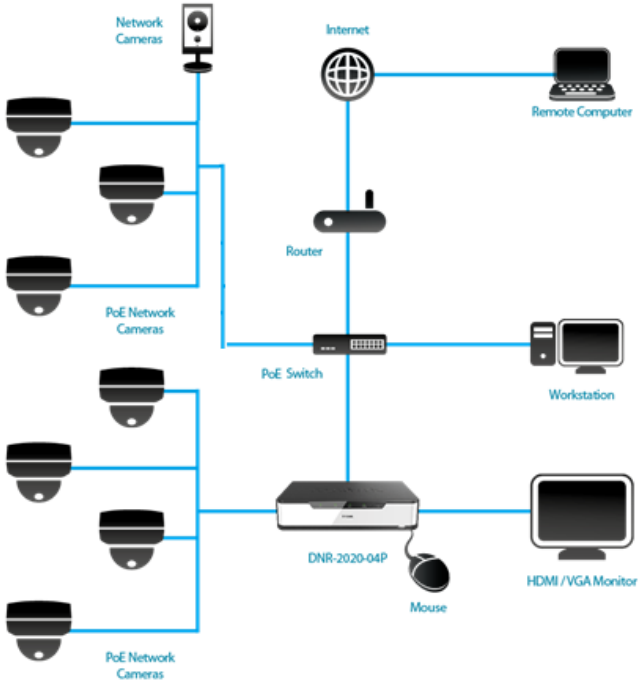


Network Topology

NVR
DNR-2020-04P | 172.26.170.40/16
DNR-322L B1 | 172.26.170.41/16

IP Cameras
DCS-4201 | 172.26.170.42/16
DCS-4603 | 172.26.170.43/16
DCS-4802E | 172.26.170.44/16
DCS-4622 | 172.26.170.45/16
DCS-4701E | 172.26.170.46/16
DCS-4703E | 172.26.170.47/16
DCS-4602EV | 172.26.170.48/16
DCS-4802E | 172.26.170.49/16

Workstation
PC | 172.26.170.222/16



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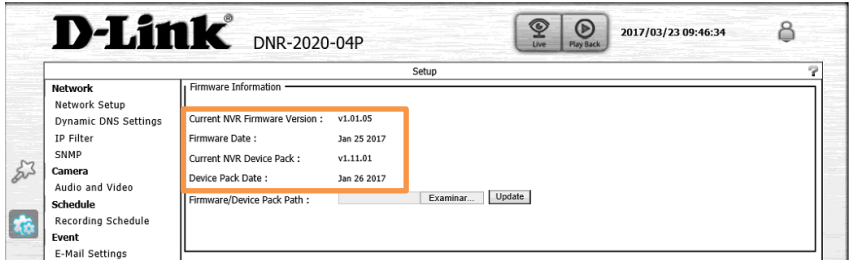
DNR-2020-04P Step-by-Step Setup

Before starting the setup,

- Check the website for latest firmware available
  - **DCS-4802E** (http://www.dlink.com/es/es/products/dcs-4802e-full-hd-outdoor-mini-dome-camera)
  - **DNR-2020-04P** (http://www.dlink.com/es/es/products/dnr-2020-04p-justconnect-16-channel-poe-network-video-recorder)
- Download and Upgrade IP cameras and NVR to the latest firmware / device pack available
- Discover IP Cameras / NVR using D-Link Setup Wizard / D-Link Network Assistant (in case of DDP support)
  - **Setup Wizard for Windows (v1.05)**
  - **D-Link Network Assistant**
    - http://www.dlink.com/-/media/Business_Products/DNA/Software/DNA_sw_2_0_2_4_all_en_20151008.zip
    - https://chrome.google.com/webstore/detail/d-link-network-assistant/eoenegoacckkpkijhfhijfechhhpkbmp?hl=en)
- Setup IP Cameras / NVR Network Settings

DNR-2020-04P (fw v1.01.05 / device pack v1.11.01)



DCS-4802E (fw v1.01)

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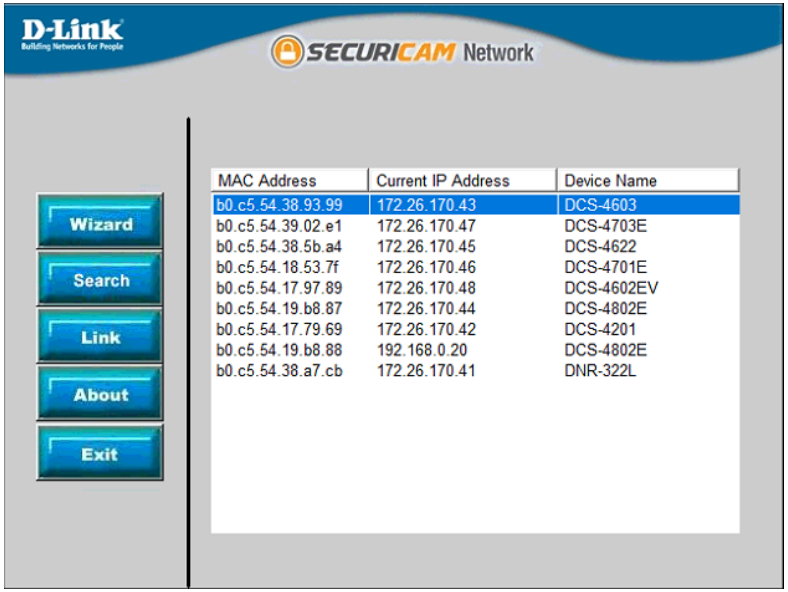
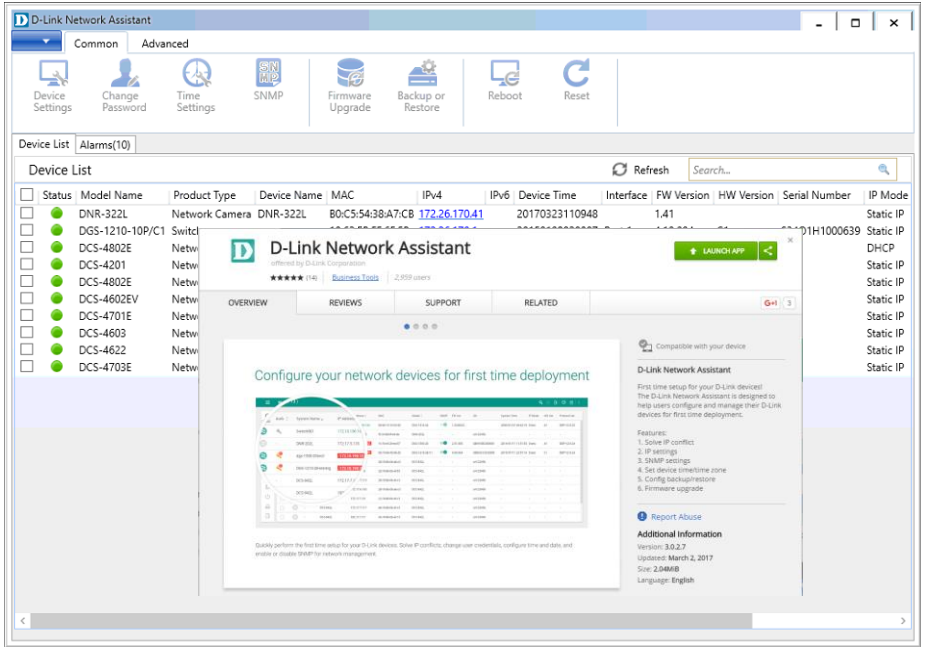
DNR-2020-04P Step-by-Step Setup

- **Setup Wizard for Windows** (v1.05)
- **D-Link Network Assistant** (v2.0.2.4 / Chrome extension v3.0.2.7)





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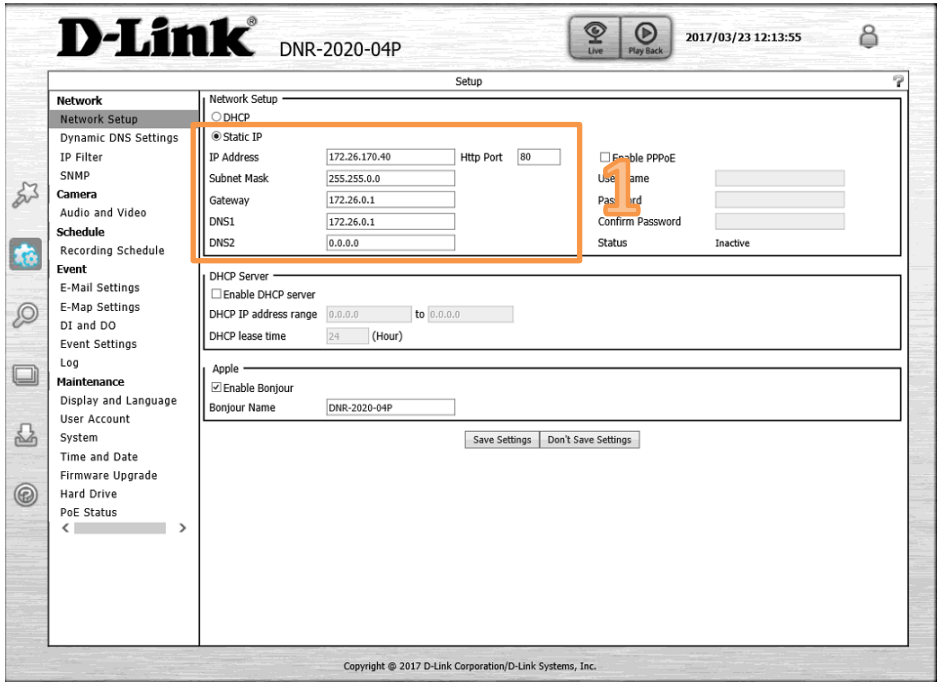
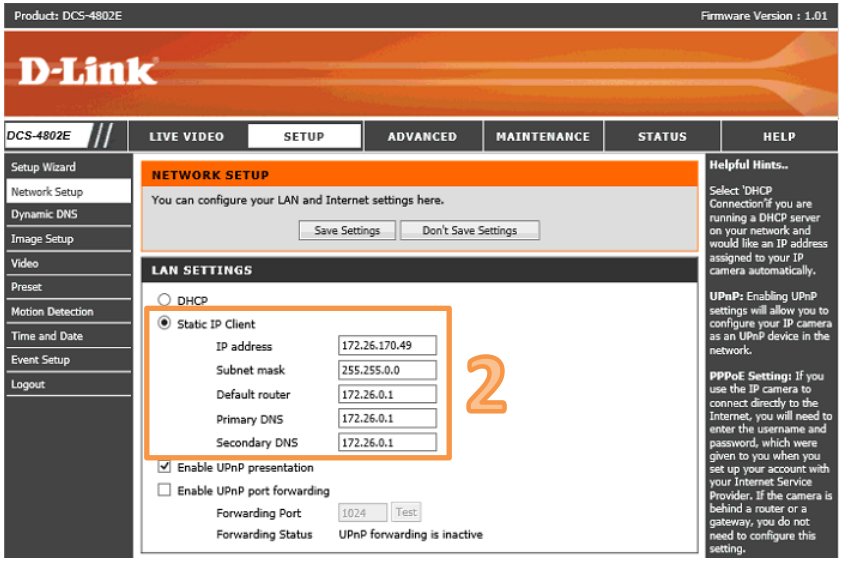
DNR-2020-04P Step-by-Step Setup

- Setup NVR / IP cameras Network settings





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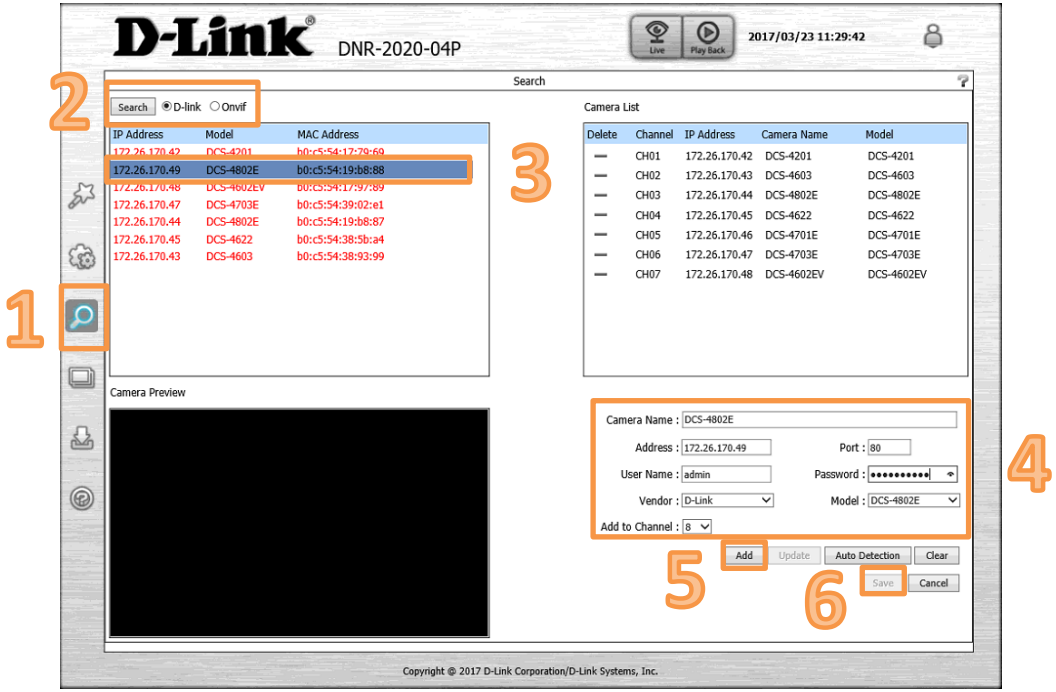
DNR-2020-04P Step-by-Step Setup

- Discover IP cameras using DNR-2020-04P Camera Search option

  Use D-Link native profile in case of configuring D-Link IP Cameras or Onvif profile if trying to setup 3rd-party devices (Onvif compatible).



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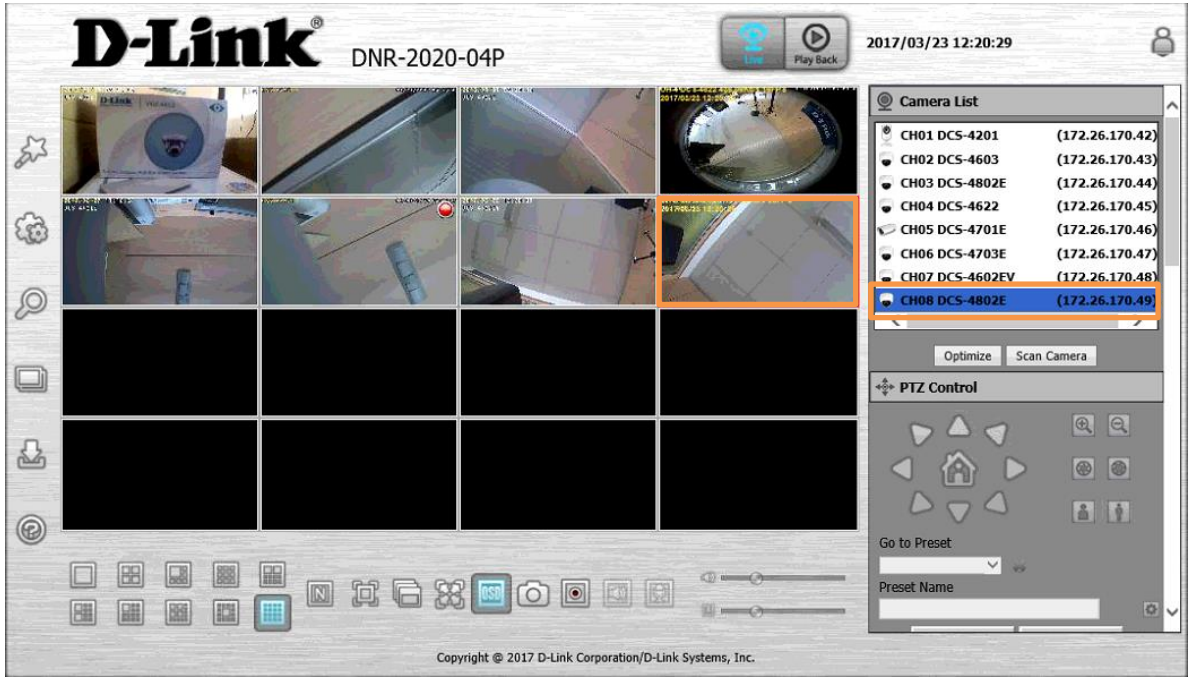
DNR-2020-04P Step-by-Step Setup

- DNR-2020-04P Live View



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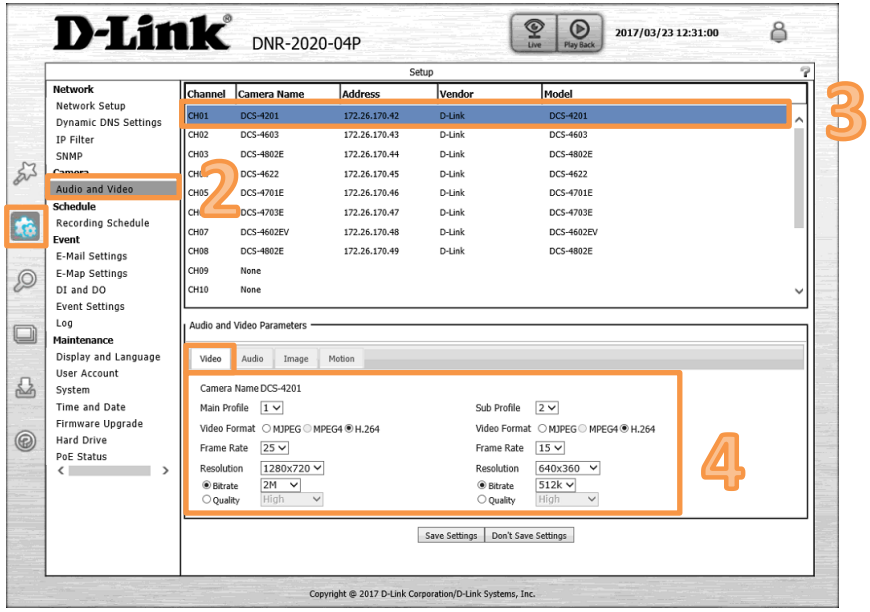
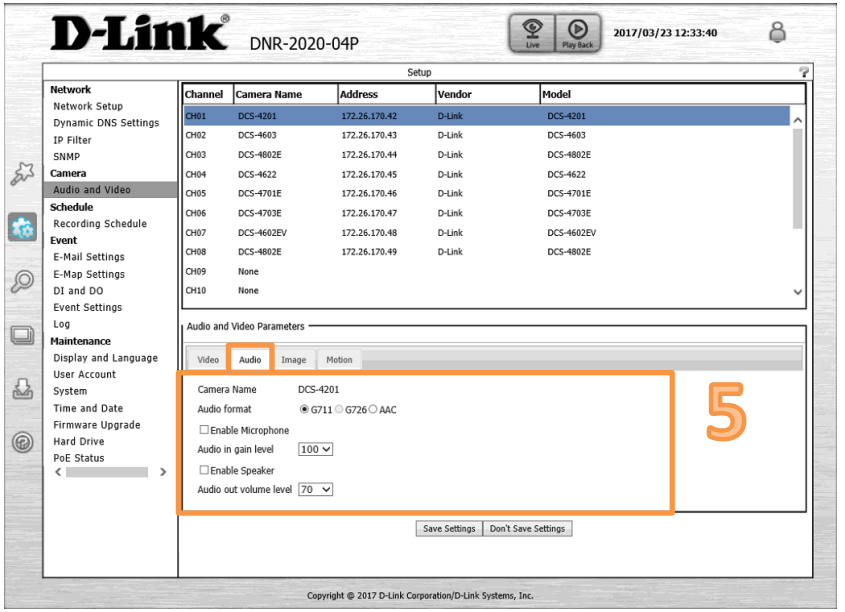
DNR-2020-04P Step-by-Step Setup

- Setup IP camera Audio & Video settings





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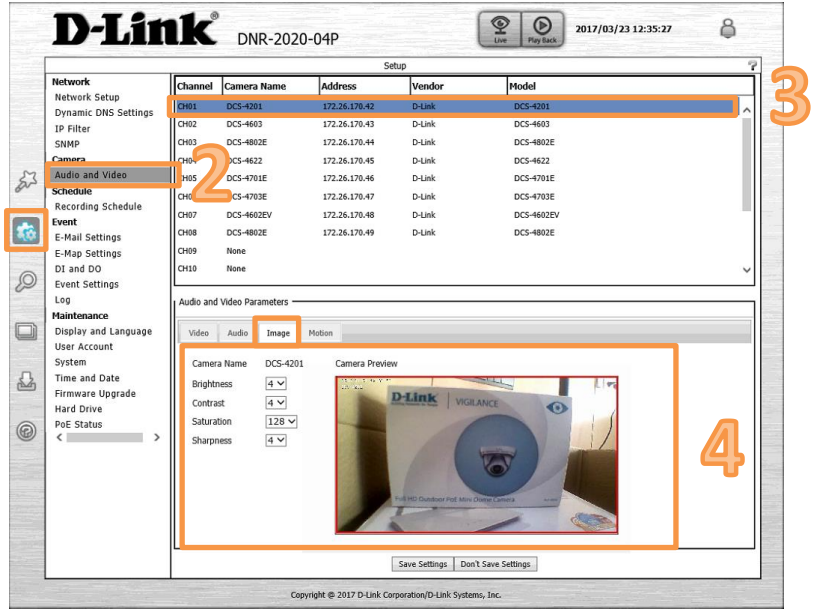
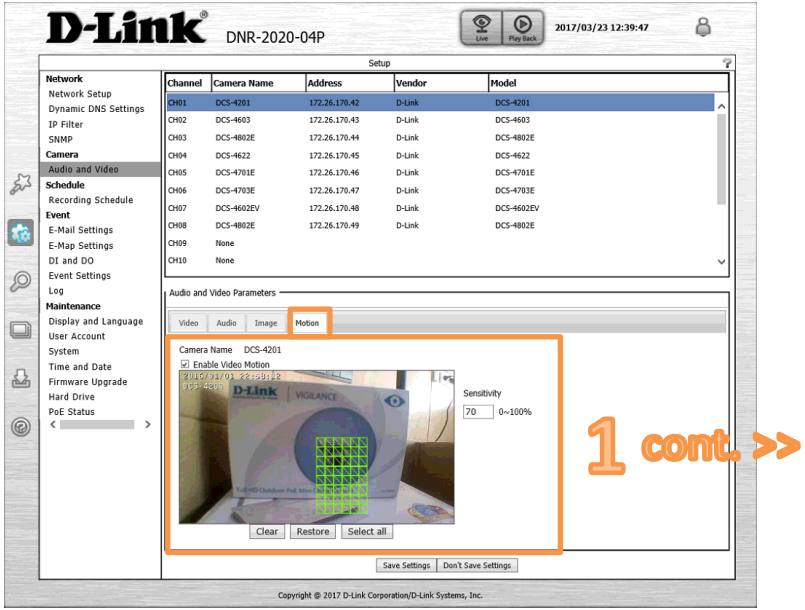
DNR-2020-04P Step-by-Step Setup

- Setup IP camera Image & Motion settings





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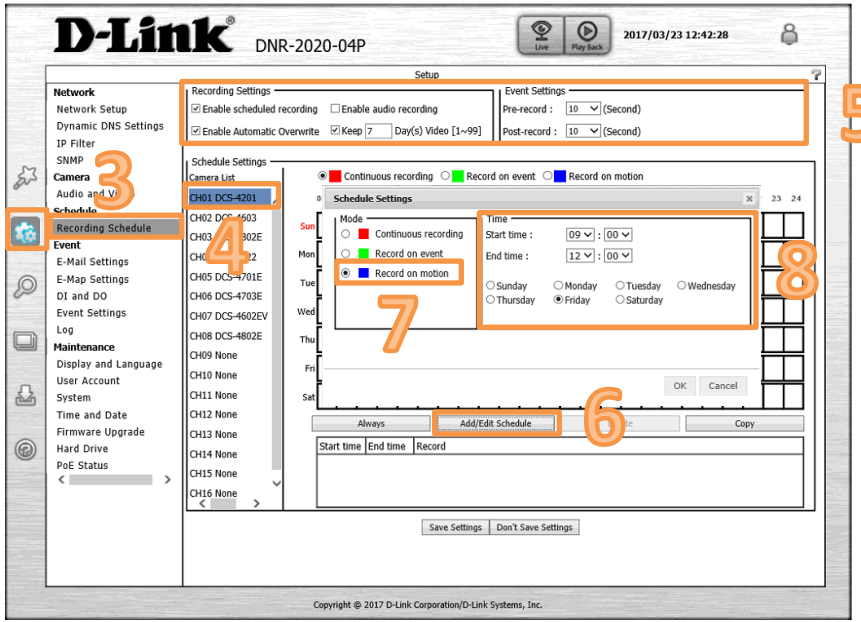
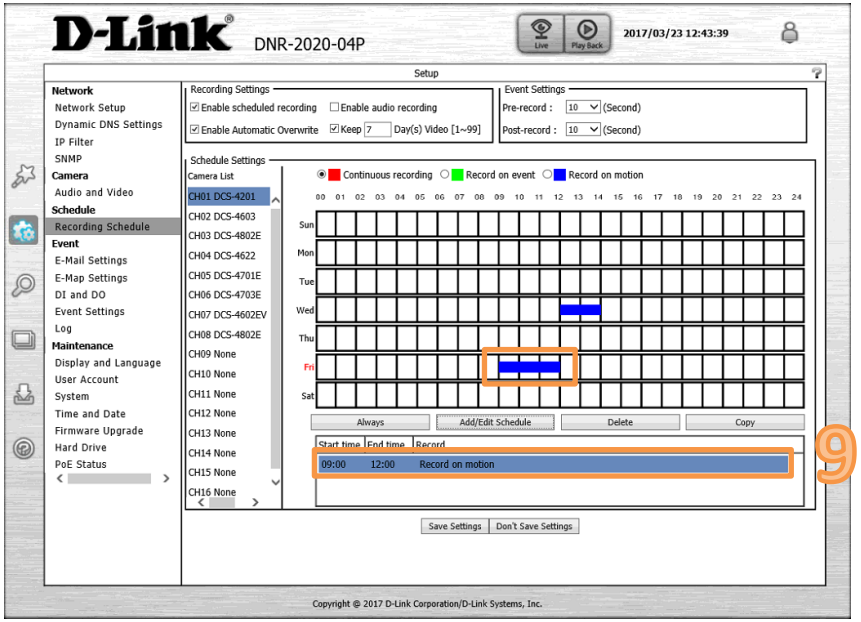
DNR-2020-04P Step-by-Step Setup

- Add Recording Schedule based on motion detection





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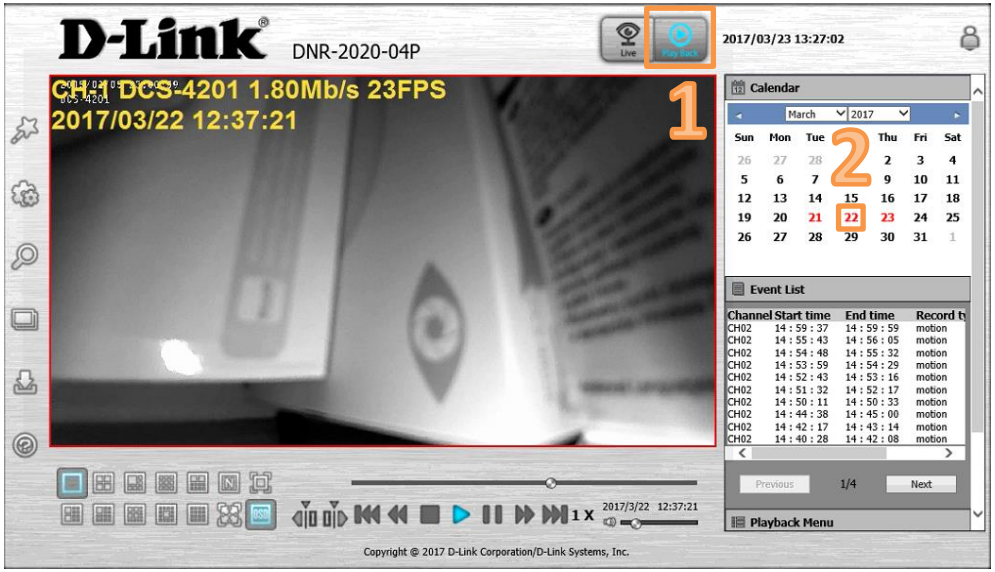
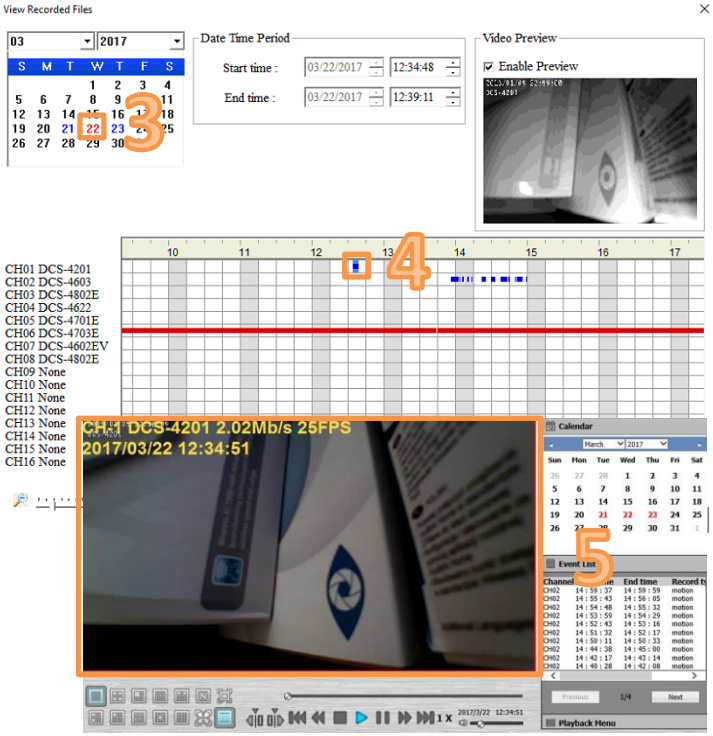
DNR-2020-04P Step-by-Step Setup

- Playback. Check Video Recordings.





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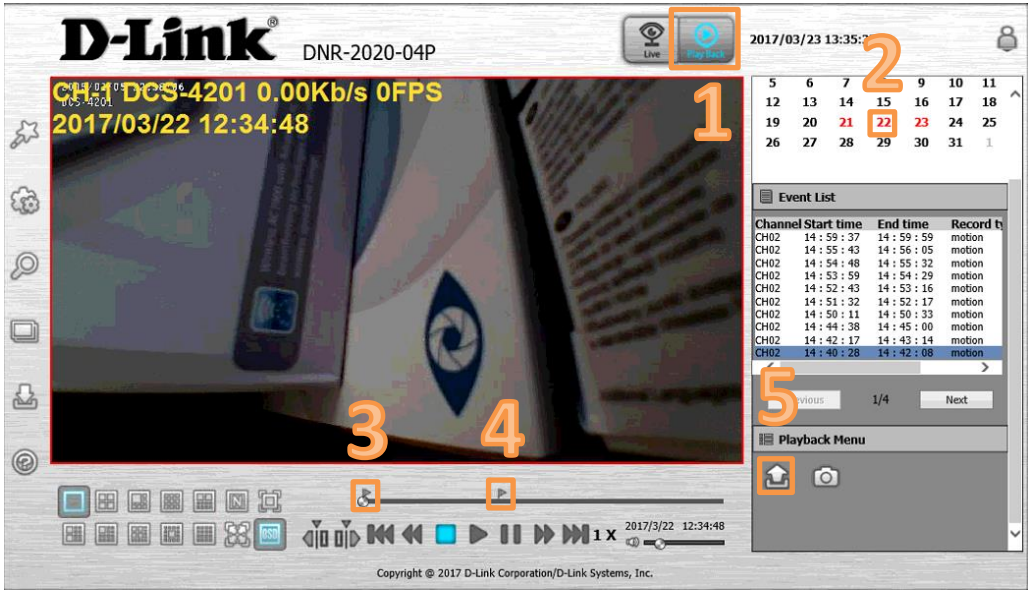
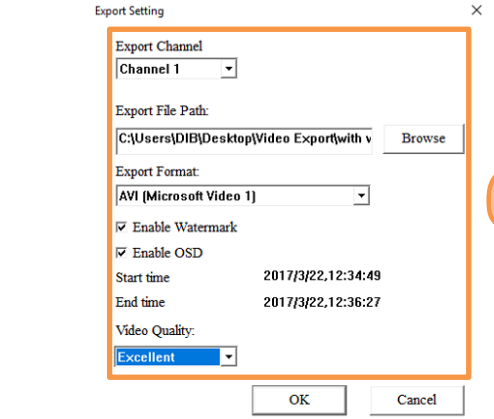
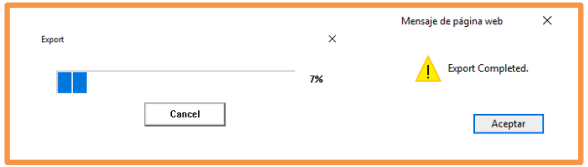
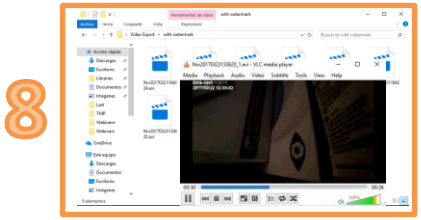
DNR-2020-04P Step-by-Step Setup

- Export Video Recording









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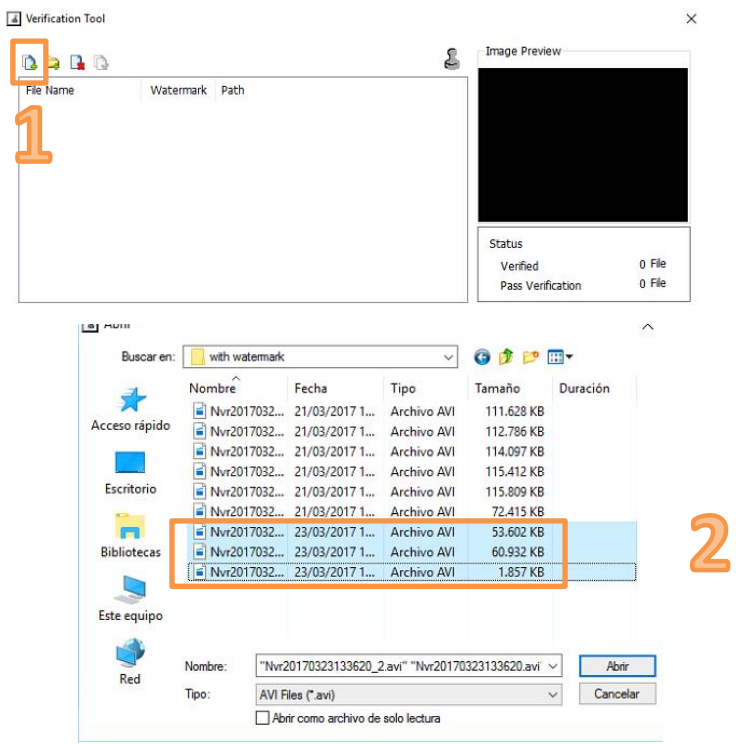
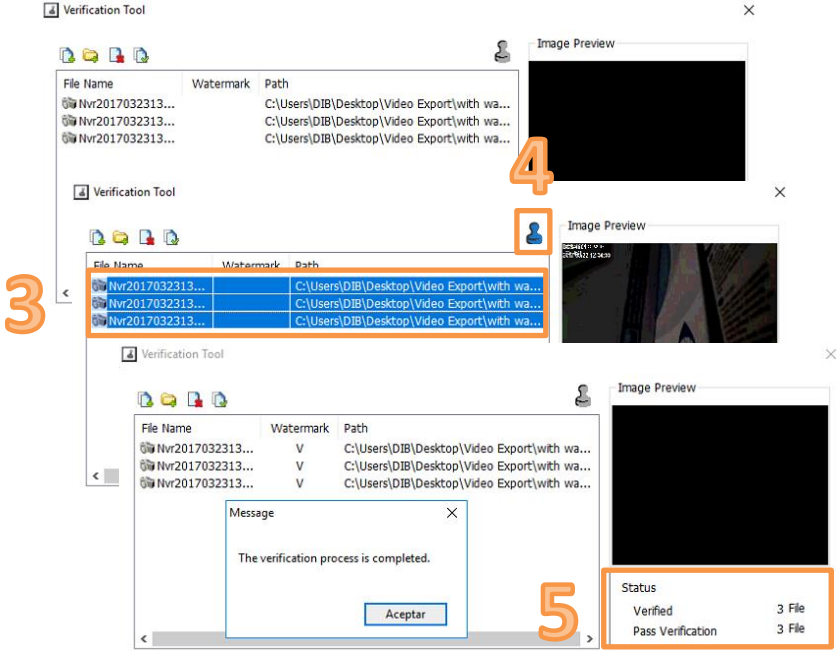
DNR-2020-04P Step-by-Step Setup

Verification Tool.exe

- Watermark Verification Tool





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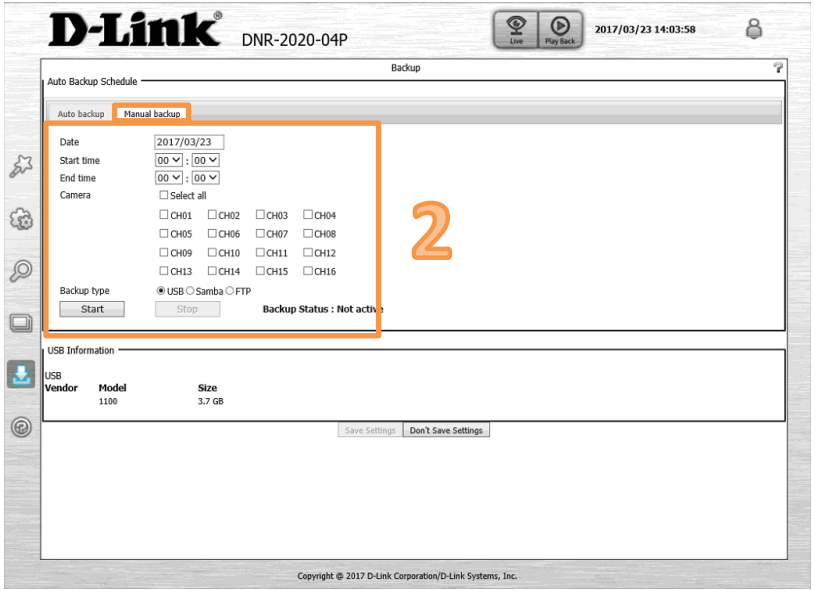
DNR-2020-04P Step-by-Step Setup

- Backup. Auto-backup / Manual backup.



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DNR-2020-04P Step-by-Step Setup

- System Info / Storage Information

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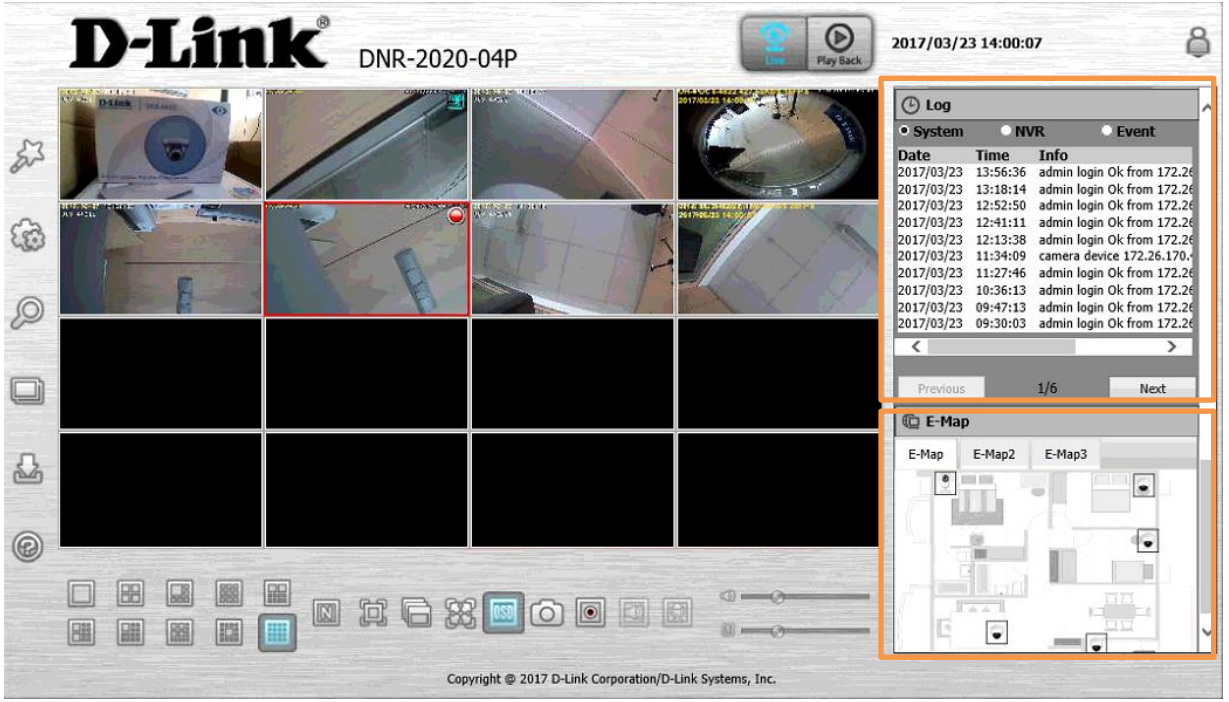
DNR-2020-04P Step-by-Step Setup

- NVR Log / e-Map



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DCS-260 D-Link VMS Remote Console

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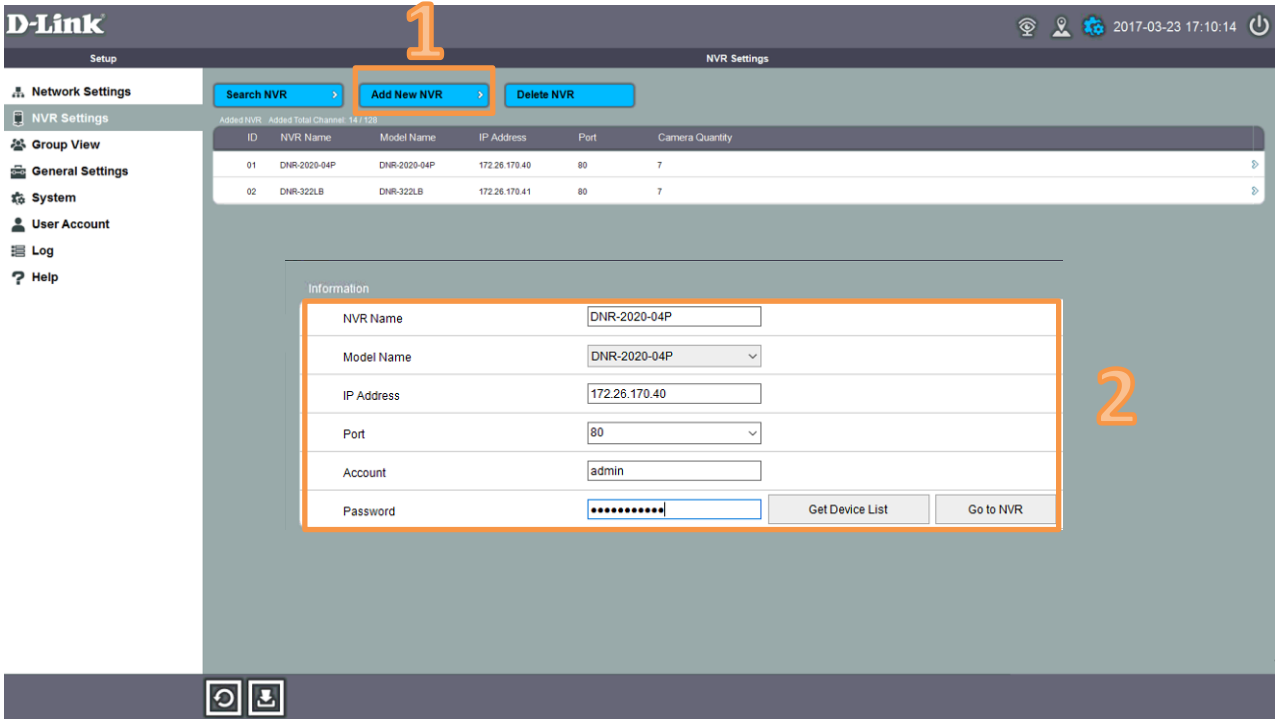
DCS-260 D-Link VMS Remote Console

- NVR Settings. Add New NVR.



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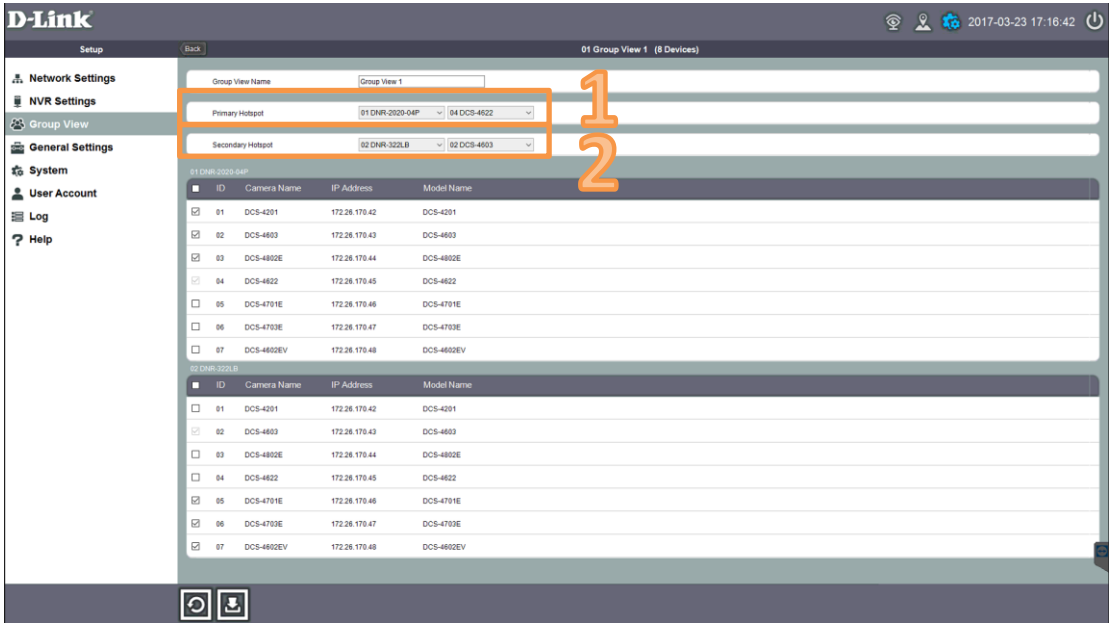
DCS-260 D-Link VMS Remote Console



Primary & Secondary Hotspot P S

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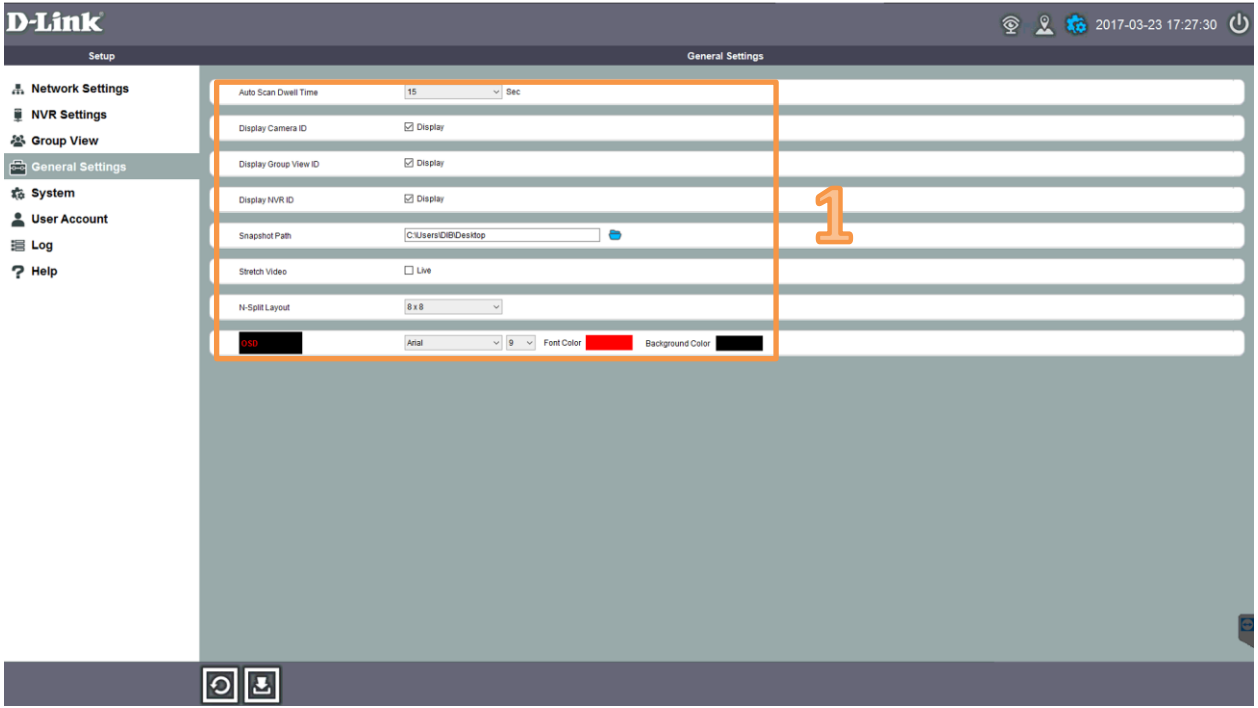
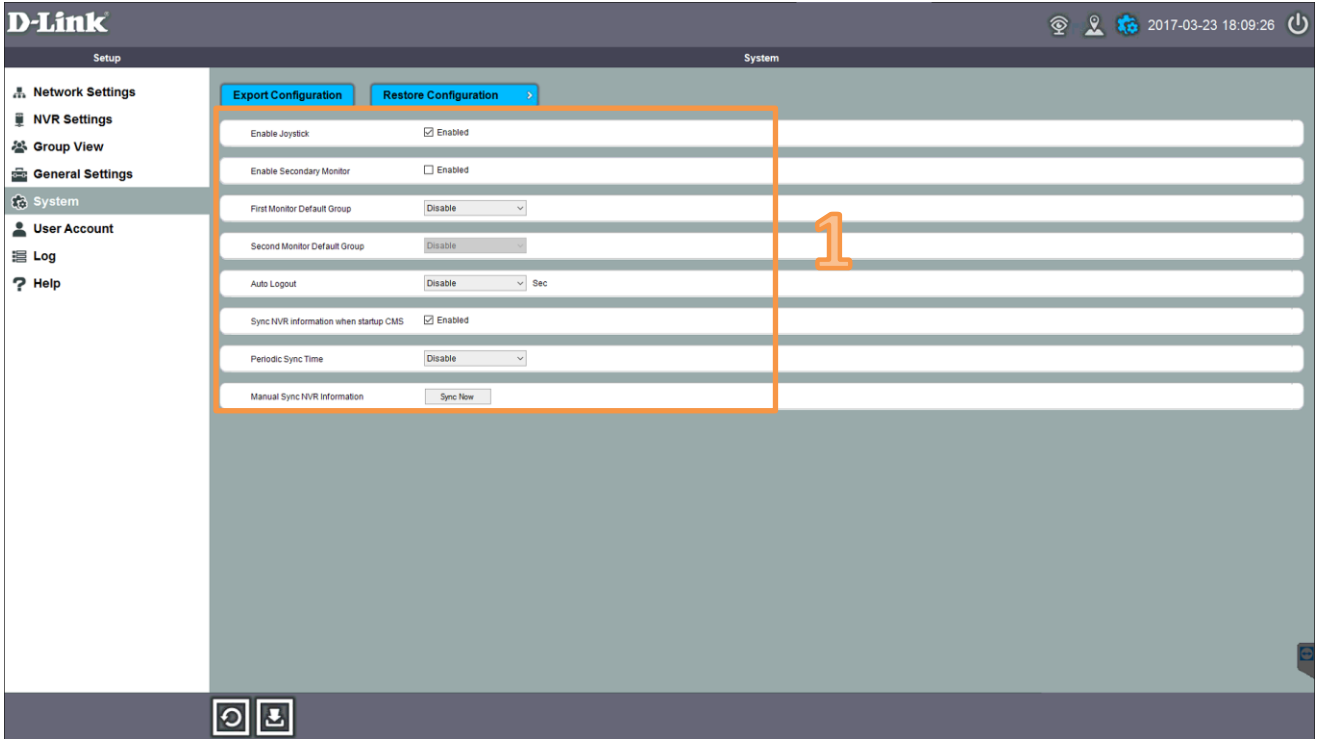
DCS-260 D-Link VMS Remote Console

- General Settings



DCS-260 D-Link VMS Remote Console

- System



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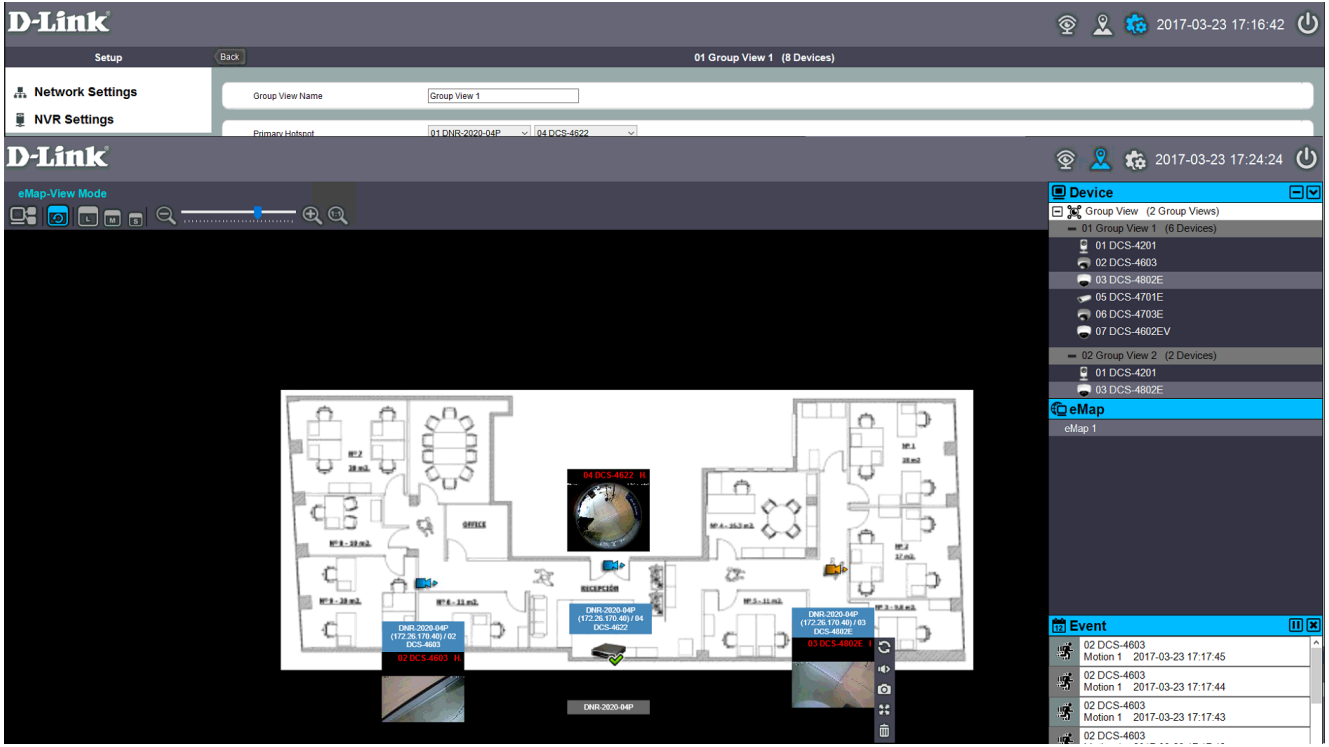
DCS-260 D-Link VMS Remote Console

- e-Map



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D-BAJADAS

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SWITCHING

DEM-310GT	Transceiver Mini-GBIC 1 Puerto 1000BaseLX Monomodo (10km)	-13%	
DEM-311GT	Transceiver Mini-GBIC 1 Puerto 1000BaseSX Multimodo (550m)	-18%	
DES-1005D	Switch 5p 10/100 Sin gestión Sobremesa, Green	-12%	
DES-1008D	Switch 8p 10/100, Sin Gestión, Sobremesa, Green	-17%	
DES-1210-08P	Switch Smart 8p 10/100, 8p PoE (72W), Auto VoIP/Surveillance VLAN	-14%	PoE
DES-1210-52	Switch Smart 48p 10/100+2p Gigabit+2p SFP/Combo, Auto VoIP/Surveillance VLAN	-16%	
GO-SW-8G	Switch 8p Gigabit, sin gestión, sobremesa, Green	-9%	
DGS-1008P	Switch 8p Gigabit, Sin Gestión, 4 puertos PoE (56W)	-13%	PoE
GO-SW-16G	Switch 16p Gigabit, sin gestión, sobremesa, Green	-14%	
DGS-1016D	Switch 16p Gigabit, sin gestión, carcasa metálica/rack	-7%	
GO-SW-24G	Switch 24p Gigabit Sin gestión, Sobremesa, Green	-16%	
DGS-1024D	Switch 24p Gigabit, sin gestión, carcasa metálica/rack	-4%	
DGS-1100-08P	Switch 8p Gigabit PoE Easy Smart, Gestión Web, Auto Surveillance VLAN, 8p PoE (64W Budget)	-7%	PoE
DGS-1210-10P	Switch Smart 10p Gigabit PoE (incl. 2 SFP Combo), PoE Budget 78W, Auto VoIP/Surveillance VLAN	-25%	PoE
DGS-1210-48	Switch Smart 48p Gigabit + 4 SPF Combo, Auto VoIP/Surveillance VLAN	-9%	
DGS-1210-28P	Switch Smart 24p Gigabit PoE + 4 SFP, PoE Budget 185W, Auto VoIP/Surveillance VLAN	-10%	PoE
DGS-1510-28X	Switch Smart Pro 24p Gigabit + 4xSFP+(10G), L3, Stack físico, Auto VoIP/Surveillance VLAN	-15%	
DGS-1510-52X	Switch Smart Pro 48p Gigabit +.4xSFP+(10G), L3, Stack físico, Auto VoIP/Surveillance VLAN	-9%	
DGS-3120-24TC/SI	Switch Gestionable xStack 24p Gigabit (incl. 4 SFP Combo) + 2xCX4 (10G), L2/3/4	-5%	
DGS-3120-48TC/SI	Switch Gestionable xStack 48p Gigabit (incl 4 SFP Combo) + 2xCX4(10G), L2/3/4	-10%	
DGS-3120-24PC/SI	Switch Gestionable xStack 24p Gigabit PoE (incl. 4 SFP Combo) + 2xCX4 (10G), L2/3/4, (370W PoE Budget)	-7%	PoE
DGS-3120-48PC/SI	Switch Gestionable xStack 48p Gigabit PoE (incl. 4 SFP Combo) + 2xCX4 (10G), L2/3/4, (370W PoE Budget)	-13%	PoE

CÁMARAS IP

DCS-2330L	Cámara IP HD WiFi N, LAN Exterior IP65, LED's Infrarrojos, mydlink, Incl. Tarjeta Micro SD 16G	-12%	mydlink
DCS-4602EV	Cámara IP Exterior Full HD Domo, WDR, LEDs IR 20m, IK-10, IP-66	-13%	PoE
DCS-4703E	Cámara IP Exterior Full HD Bullet, Carcasa metálica, WDR, LEDs IR 20m, IK-10, IP-66	-6%	PoE
DCS-5000L	Cámara IP PTZ, WiFi N, LEDs IR, gestión con app, "push" móvil por sonido/movimiento	-7%	mydlink
DCS-6513	Cámara IP Domo Exterior,Full HD, WDR, Color Night Vision, LED's IR 15m, IP-68, IK10, Varifocal	-14%	PoE
DCS-7513	Cámara IP Exterior Bullet, Full HD, Varifocal, IR 30m, 2 way audio, IP-68	-38%	PoE
DCS-7517	Cámara IP Exterior Bullet, CMOS 5 Mpix, Full HD, WDR, Varifocal, IP-66	-3%	PoE
DCS-930L	Cámara IP mydlink, WiFi N, gestión app, "push" móvil por sonido/movimiento	-10%	mydlink
DCS-932L	Cámara IP mydlink WiFi N, Infrarrojos, gestión app, "push" móvil por sonido/movimiento	-10%	mydlink
DCS-942L	Cámara IP mydlink WiFi N, Infrarrojos, PIR, Incl. MicroSD 16Gb, gestión app, "push" móvil por sonido/movimiento	-13%	mydlink

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ROUTING

DIR-605L	Router WiFi N300, antenas extraíbles 5dBi, gestión con app iOS/Android/Wphone	-34%	mydlink
DIR-869	Router Híbrido (Modo Punto de Acceso), WiFiAC 1750, 3X3 MIMO, 4p Gigabit, DualCore	-12%	
DIR-879	Router Híbrido (Modo Punto de Acceso), WiFiAC 1900, 3X4 MIMO, 4p Gigabit, SmartBeam, DualCore	-17%	
DSL-2745	Modem Router ADSL 2+ Wi-FI N300, 4p 10/100, Color Blanco, WPS	-5%	
DSL-2750B	Modem Router ADSL 2+ Wi-FI N300, 4p 10/100, USB Shareport, NAT, WPS	-9%	

WIRELESS

DWA-131	Nano adaptador N300, Tamaño compacto, Wireless N 300 Mbps, Soporta Win10 y MacOS	-19%	
DWL-2600AP	AP Unificado Wireless N300, PoE, 2x2 MIMO Antenas integradas, QoS	-9%	
DAP-2360	AP Wireless N300 PoE 1p Gigabit,4 modos, Carcasa metálica	-9%	PoE
DAP-3662	AP Exterior Wireless AC1200 PoE, DualBand, 2p Gigabit, Carcasa IP-68 con Gore-Tex, 4 modos	-12%	PoE

3G / 4G

DWR-921	Router 4G LTE SIM 3G/4G, Switch 4p, Wireless N150, Puerto WAN Failover	-12%
DWR-932	Router 4G LTE Portátil Batería integrada, tamaño mini, SIM 3G/4G, Wi-Fi N150	-13%

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Gracias!
Obrigado!

31 Marzo

LANZAMIENTO

Novedades Mydlink y domótica

- Conoce mydlink y mydlink Home
- Nuevas cámaras DCS-935LH y DCS-8200LH
- Nuevas acciones y eventos en la App

Ponente: Marcos Pinto

Inscríbete