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# VMAX<sup>®</sup> ip G4<sup>™</sup>

Complete IP Video Solutions



Plug and Play IP NVRs,  
Managed from Anywhere.

Built  
for  
Users.<sup>™</sup>

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**NDAA/TAA**  
COMPLIANT PRODUCT



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# What are VMAX® IP G4™ NVRs?



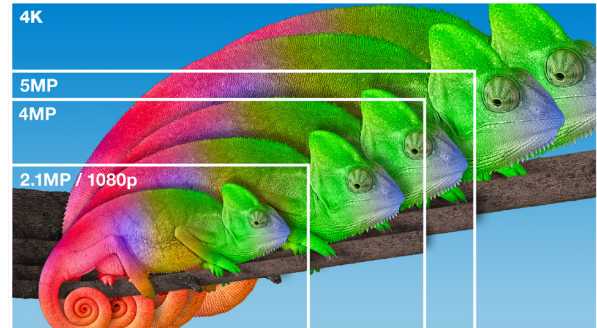
VMAX® IP G4™ is an easy to use PoE NVR that allows you to go from power up to monitoring in minutes! UNLIKE ANY OTHER™!



## Key Technologies

### Megapixel resolution

DW's technology delivers crystal-clear images in resolutions up to 4K. Higher resolution delivers forensic details when zooming into the camera's field of view.



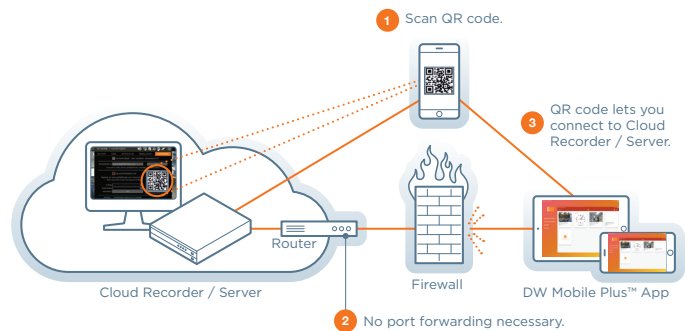
### NDA A / TAA Compliant

DW IP cameras, analog cameras, NVRs, DVRs, network devices and management software sold and distributed worldwide are designed and developed in U.S.A. and Korea. Manufacturing is done in Korea.

Most DW products qualify for GSA Schedule Contracts and other government opportunities because they are TAA / NDA A compliant.

### PathFinder™

Easy and secure end-to-end remote connection with NAT Traversal (STUN/TURN) support without opening ports.



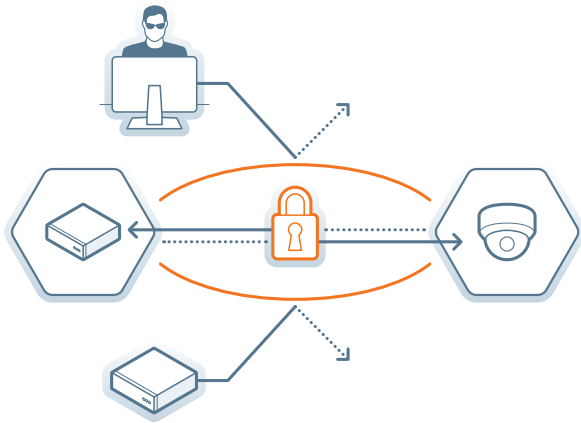
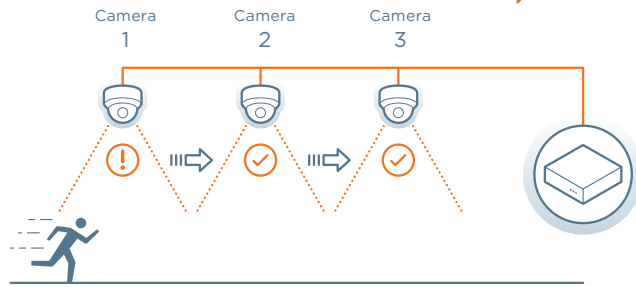
### Plug and play with local PoE+ ports

The VMAX® IP G4™ NVRs can power up to 16 IP cameras locally from the system itself, no need for PoE switches and additional power sources.



## Camera Group Recording

Designate a group of cameras to respond to an alert from one camera.

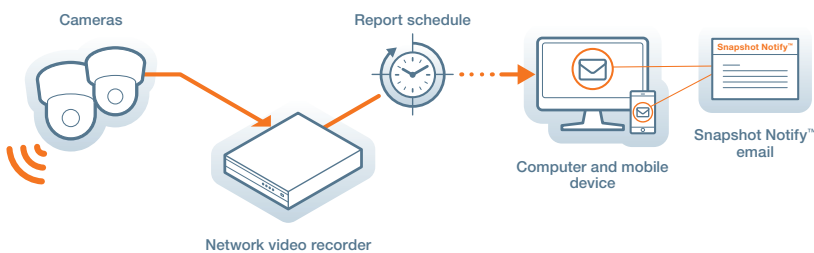


## CCIP<sup>™</sup>

DW's CCIP<sup>™</sup> (Closed Circuit IP) encryption is activated when the VMAX IP G4<sup>™</sup> system sends a request for an encrypted stream from the camera. The camera then encrypts its RTSP stream a second time using TLS, using the encryption's user ID and password. The result is a secured and encrypted RTSP stream that can be read only by the requesting recorder.

## DW Witness<sup>™</sup>

The DW<sup>®</sup> Witness<sup>™</sup> app instantly turns your smartphone or tablet into a video surveillance camera. With the press of a button, start transmitting live video to your VMAX<sup>®</sup> IP G4<sup>™</sup>. It's a "black box" for personnel on patrol.



## Snapshot Notify<sup>™</sup>

Set up interval camera notifications to be sent to an email or CMS.

## Mobile Apps

View your system from anywhere with a smartphone or tablet with DW's free and simple to use mobile apps.



# Network Video Recorders



## Installation in minutes

Get your NVR from the box to monitoring and recording in minutes!



## System Monitoring

A real-time graphical representation of all system connections. Receive connection alerts via email or text.



## Thumbnail Search

Find video fast by clicking on thumbnails by the date, hour and minute.

**NDA/TAA**  
COMPLIANT PRODUCT



PART NUMBER		DW-VG416xT16P	DW-VG412xT8P	DW-VG49xT4P
Operating system		Embedded Linux		
Video compression		H.265, H.264		
System	Channel	16 channels PoE	8 channels PoE + 4 bonus channels	4 channels PoE + 5 bonus channels, 9
	No. of PoE	16-PoE channels, 1Gbps, 802.3at	8-PoE channels, 100Mbps, 802.3at	4-PoE channels, 100Mbps, 802.3at
Display	Speed	Total 480fps	Total 360fps	Total 270fps
	Screen mode	1, 4, 9, 12 and 16	1, 4, 9 and 12	1, 4 and 9
Max. HDD bay and storage		2x SATA HDD, up to 32TB	2x SATA HDD, up to 32TB	1x SATA HDD, up to 16TB
Video input		IP camera max. 4K (3840x2160)	IP camera max. 4K (3840x2160)	IP camera max. 4K (3840x2160)
Video output		True HD output, VGA, up to 3840x2160 (4K) local display output, RTSP streaming		
Recording speed		Up to 480fps up to 4K resolution, max 160Mbps	Up to 360fps up to 4K resolution, max 80Mbps	Up to 270fps up to 4K resolution, max 40Mbps
Recording resolution		Simultaneous dual stream recording		
Audio input/output		1-channel input (disabled) / 1-channel output		
Alarm input / Relay output		8-channel inputs / 4-channel outputs	4-channel inputs / 1-channel output	4-channel inputs / 1-channel output
PTZ control		RS-485, ONVIF		
LAN		1 x Gbps Ethernet (RJ45)		
System	Power requirements	54V DC, 3.33A	48V DC, 2.5A	48V DC, 1.25A
	Power consumption	180W (recorder + PoE ports)	120W (recorder + PoE ports)	60W (recorder + PoE ports)
PoE	Max power per port	802.3at POE+ (Class4), up to 30W per port	802.3at POE+ (Class4), up to 30W per port	802.3at POE+ (Class4), up to 30W per port
	Total PoE power budget	150W	96W	48W
Operating temperature		32-113 °F (0-45 °C)		
Dimension (WxDxH)		14.96" x 10.55" x 1.77" (380 x 268 x 45 mm)	14.96" x 10.55" x 1.77" (380 x 268 x 45 mm)	11.81" x 9.8" x 1.77" (300 x 249 x 45 mm)
Warranty		5 year limited warranty		

## Contact us:



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