VMAX® A1 G4™

Universal HD over Coax® DVRs

Built for Users.™

Bring 4K live and recording resolution to your existing coaxial installation.

DW®

NDAA/TAA
COMPLIANT PRODUCT
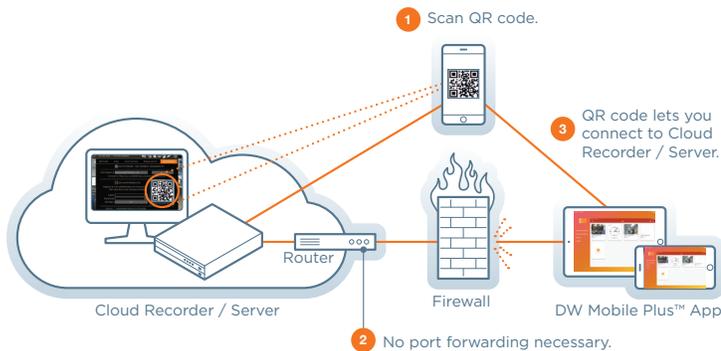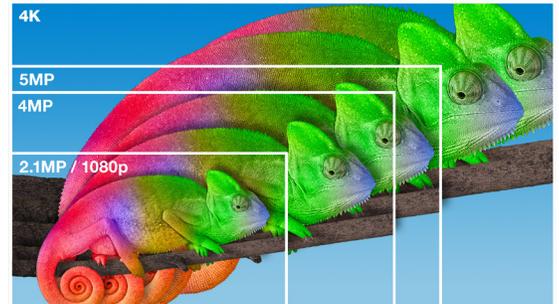
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What are VMAX® G4 Plus™ DVRs?

NDAA and TAA-compliant VMAX® A1 G4™ offer a seamless upgrade to 4K HD resolution for new ROI from existing coaxial infrastructure. The VMAX® A1 G4™ DVRs are available in 4-, 8- and 16-channel models with up to 32TB of storage

Key Technologies

Megapixel resolution

DW's technology delivers crystal-clear images in resolutions up to 4K (5MP on 4-channel models). Higher resolution delivers forensic details when zooming into the camera's field of view.
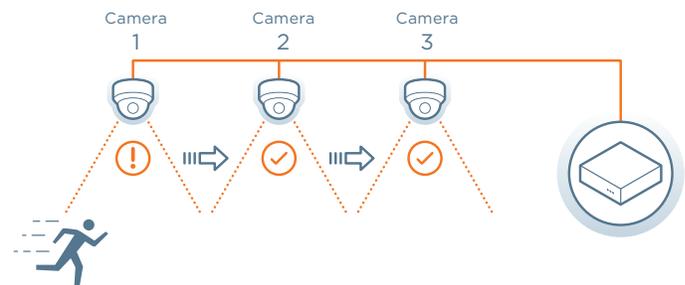
4K
5MP
4MP
2.1MP / 1080p

1. Scan QR code.

3. QR code lets you connect to Cloud Recorder / Server.

PathFinder™

Easy and secure peer-to-peer remote connection without opening ports.

Cloud Recorder / Server
Router
Firewall
DW Mobile Plus™ App

2. No port forwarding necessary.

Camera 1 Camera 2 Camera 3

Camera Group Recording

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

Mobile Apps and Apple TV

View your system from anywhere with a smartphone or tablet, even on an Apple TV!

DW®

Channel Swap

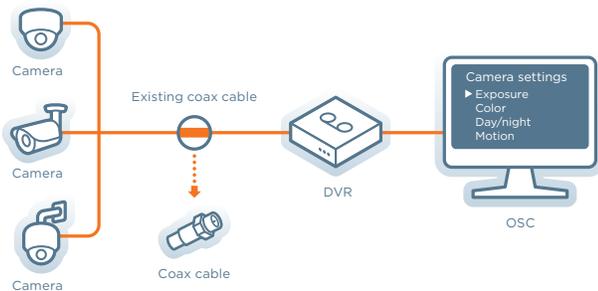Swap a camera's channel assignment without changing the cable connections.

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.

Camera

Existing coax cable

Camera

Coax cable

Camera

DVR

Camera settings
▶ Exposure
  Color
  Day/night
  Motion

OSC

Up the Coax (UTC) Communications

Get off the ladder! Make adjustments to your cameras from the DVR.

Related Products

STAR-LIGHT PLUS™
Color in Darkness Universal HD over Coax® cameras

Star-Light Plus™ cameras deliver crystal-clear 5MP images and support HD-Analog, HD-TVI, HD-CVI and all analog signals up to 960H

C3 CMS
Command . Control . Communicate

C3™ is a powerful, easy-to-use management software suite developed by DW®, for DW® enbedded solutions that provides actionable information in real-time.

NDAA / 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 / NDAA compliant.

NDAA/TAA
COMPLIANT PRODUCT

GSA
Trade Agreements Act FAR 52.225-5

Universal HD over Coax® DVRs

NDAA/TAA
COMPLIANT PRODUCT

PART NUMBER		DW-VA1G44xT	DW-VA1G48xT	DW-VA1G416xT
Signals supported		Analog signal up to 960H, HD-Analog and HD-TVI up to 5MP	Standard analog signal up to 960H, HD-Analog and HD-TVI up to 4K	
Input video		4 channels	8 channels	16 channels
Video live	Frame rate	1-30fps, max 120fps total	1-30fps, max 240fps total	1-30fps, max 480fps total
Video output		True HD: 3840×2160 (4K), 2560x1440, 1920x1080, 1280x1024, 1024x768, 800x600 VGA: 1920x1080, 1280x1024, 1024x768, 800x600 Spot (CVBS): D1 (720x480) RTSP streaming		
Audio	Input	4 inputs	8 inputs	8 inputs
	Output	1 output	1 output	1 output
Alarm	Alarm input	4 inputs	8 inputs	16 inputs
	Alarm output	1 output	2 outputs	4 outputs
Operating system		Embedded Linux®		
Recording	Recording frame rate	---	4K (3840x2160): 56fps (7fps per channel)	4K (3840x2160): 112fps (7fps per channel)
		5MP (2560x1944): 48fps (12fps per channel)	5MP (2560x1944): 96fps (12fps per channel)	5MP (2560x1944): 192fps (12fps per channel)
		4MP/2K (2560x1440): 60fps (15fps per channel)	4MP/2K (2560x1440): 120fps (15fps per channel)	4MP/2K (2560x1440): 240fps (15fps per channel)
		3MP (1920x1536): 72fps (18fps per channel)	3MP (1920x1536): 144fps (18fps per channel)	3MP (1920x1536): 288fps (18fps per channel)
		Full HD-D1 (1920x1080, 1280x720, 720x480, 960x480): 120fps (30fps per channel)	Full HD-D1 (1920x1080, 1280x720, 720x480, 960x480): 240fps (30fps per channel)	Full HD-D1 (1920x1080, 1280x720, 720x480, 960x480): 480fps (30fps per channel)
	Recording resolutions	Analog signal up to 960H, HD-Analog and HD-TVI up to 5MP	Standard analog signal up to 960H, HD-Analog and HD-TVI up to 4K	
Storage	HDD interface	1x SATA HDD	2x SATA HDD	2x SATA HDD
	Max. internal storage	Up to 16TB	Up to 32TB	Up to 32TB
Access	Web viewer	Live, playback and configuration up to 10 multiple connections		
	Mobile client	Mobile app for Apple and Android smart phones and tablets		
	Client monitoring software	Mac® (Apple® S/W), C3™ (CMS S/W)		
Operating temperature		41°F ~ 104°F (5°C ~ 40°C)		
Electrical	Power requirement	DC12V		
	Power consumption	24W, 2A	48W, 4A	48W, 4A
Dimensions		11.81" x 9.8" x 1.77" (300 × 249 × 45 mm)	14.96" x 10.58" x 1.77" (380 x 268.8 x 45 mm)	14.96" x 10.58" x 1.77" (380 x 268.8 x 45 mm)

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