

Gateway to Cloud-Managed Services.

NDAA COMPLIANT PRODUCT

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COVA™
Cloud-Optimized Video Archiving

What is COVA?

COVA (Cloud-Optimized Video Archiving) is DW's gateway appliance to cloud-managed services. It is an easy-to-use recording solution for myDW subscribers, combining cloud monitoring, health management and clip sharing with on-site storage — Optimized and Secure.

With COVA, NO LOCAL MONITOR IS NEEDED! Simply plug in the COVA and open the DW Mobile+ App to add COVA to your myDW account. Your COVA uses a web-based cloud client experience accessible from any browser, with no VMS to download.

12-Month myDW Subscription and up to 16gb Cloud Storage Included with Every COVA Purchase.

COVA™ Includes one year of myDW

Video Sharing
Export and share clips of events with your company or law enforcement over the cloud.

Health Monitoring
Monitor the status of your recorders' cameras with health alerts and reports.

CVV Reports
Camera View Verification (CVV) alerts your organization of any camera obstructions.

Cloud Storage
Store footage from your devices on the cloud and easily share them by sending a link.

Quick and Easy Setup

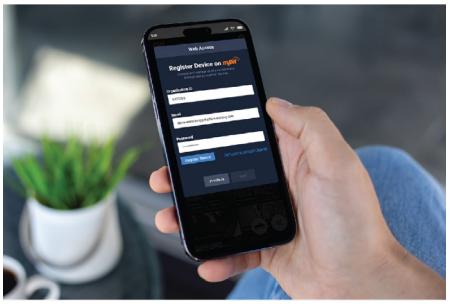
Choose what to detect and where with a user-friendly and straightforward UI, set up multiple scenarios specific to your monitoring needs without complex calibration.



1 Connect your COVA to devices and power.



2 Use the DW Mobile+ app to find your COVA.



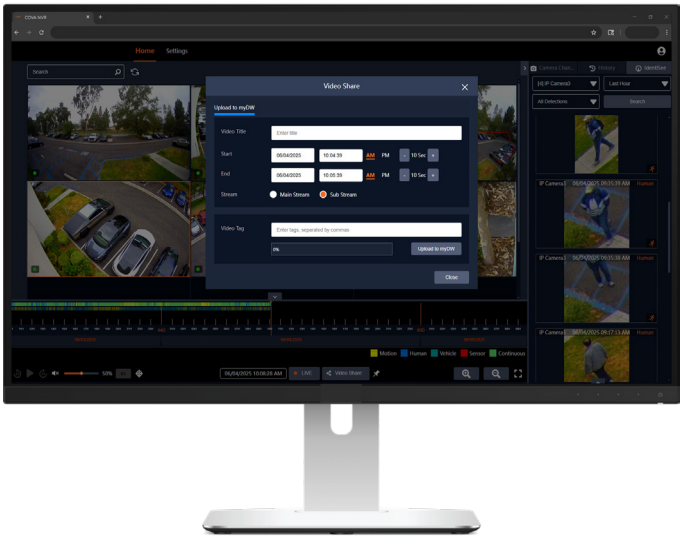
3 Register your COVA to your myDW account.

DW®

Web-Based Cloud Client Experience

COVA can be accessed from any responsive web browser on any OS. No need to download bulky VMS, no plugins, no limits!



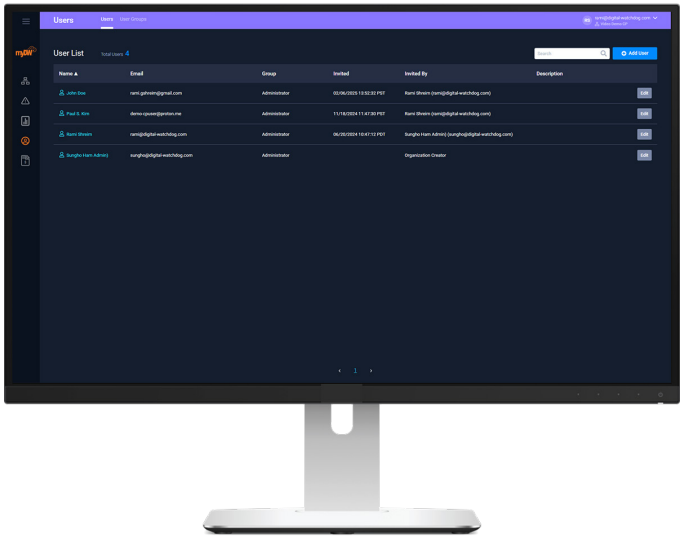


Upload and Share Video Clips via myDW ClipShare

Share a video clip of an event with recipients within the organization or external individuals using myDW's ClipShare. The ClipShare links are backed to the cloud, encrypted and secure, with flexible sharing options, duration and notes.

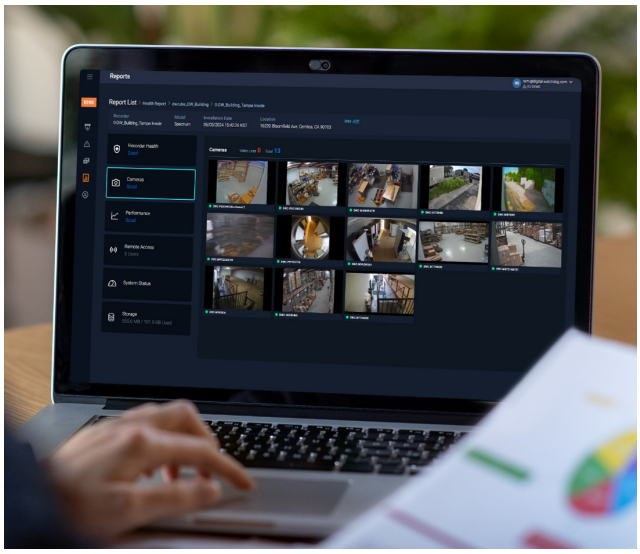
Remote User Management

User authorization and management is done in myDW, completely separate from the COVA NVR. The result is an added layer of privacy and data protection, keeping users and login credentials safe behind the myDW 2FA.



Complete Management via myDW

myDW is a proactive health monitoring solution designed to maximize the performance of surveillance systems. With actionable alerts and reports, event sharing and management tools, myDW transforms any system into a smart and responsive solution managed from a single, cloud-based, user-friendly dashboard.





Record Locally, Access remotely

With COVA, NO LOCAL MONITOR IS NEEDED! Simply plug in the COVA and open the DW Mobile+ App to add COVA to your myDW account. Your COVA delivers a web-based cloud client experience with no VMS to download, accessible from any browser. EVERYTHING IS IN THE CLOUD!

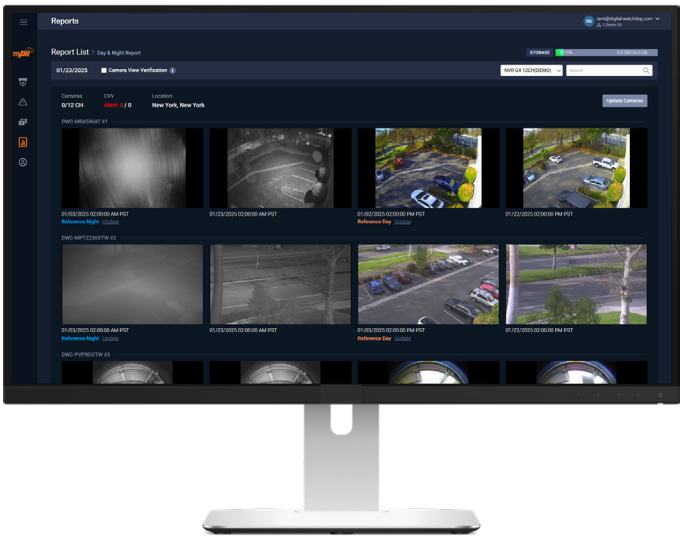
Plug and Play with Local POE

COVA NVRs can power up to 16 IP cameras locally from the integrated PoE ports in the back, cutting back on installation time and money.



Camera View Verification (CVV)

CVV tracks and alerts system owners of camera obstruction, change in lighting or scene changes over time, with valuable, at-a-glance information on each camera, to help reduce downtime or save time and money on unnecessary trips to the installation site.





IdentiSee AI Event Search

Identisee is an AI-powered search tool that detects and classifies humans and vehicles. Identisee shows detected results as thumbnail previews in the camera's detection zone. Clicking on any of the previews will open the corresponding playback of the event.

Search and Remote Management

COVA's web client is light weight yet powerful,
with remote camera setup, advanced search options, visual evidence verification.



Color-Coded Event Indexing Search Bar



History Thumbnail Previews



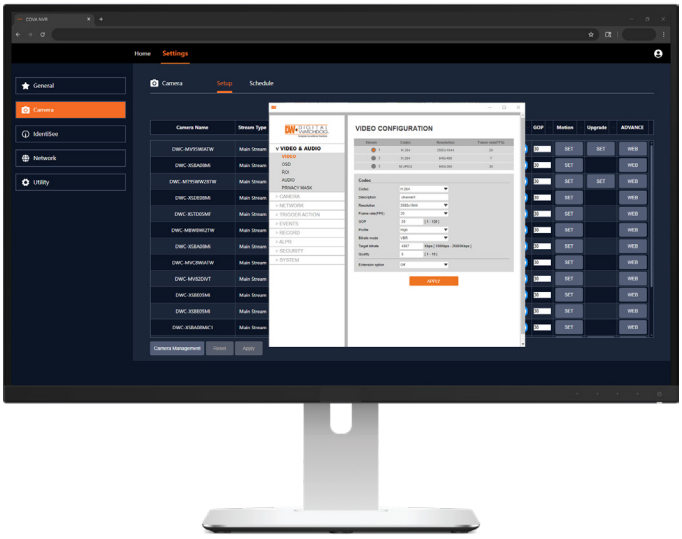
Full Camera System Configuration via the Web

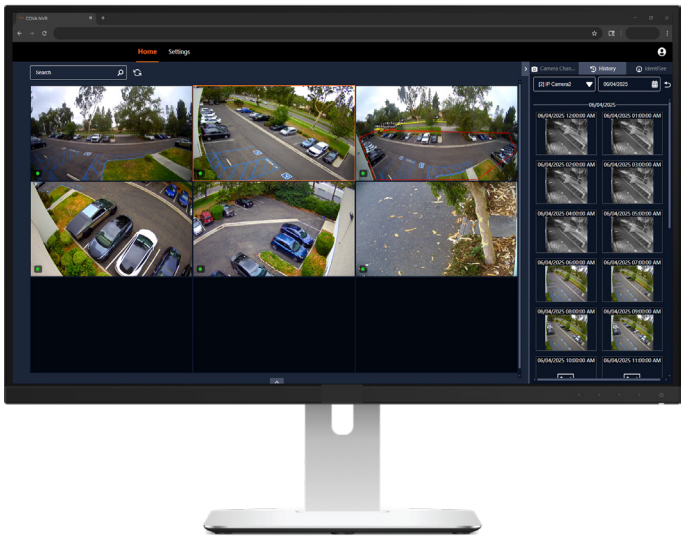


Complete System Control Remotely. No Local Monitor Needed!

Complete Camera Control Remotely via Web Proxy

COVA's web client lets system administrators access all cameras connected to the recorder locally. No need to access cameras separately, everything is handled from the COVA web client via the camera's web proxy for easy, quick and hassle-free system management.





Thumbnail Search

COVA's thumbnail search on the web client leverages thumbnails of the cameras' view to help users visually and quickly identify and locate events and related content.

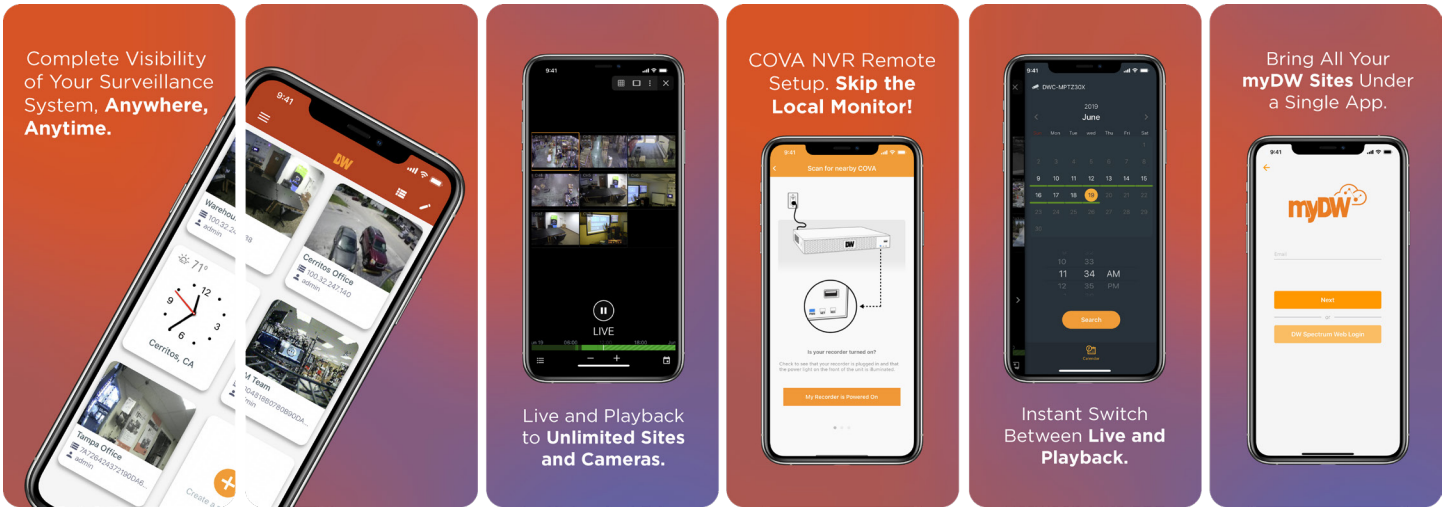
Get Actionable Intelligence with myDW Reports

myDW system health reports provide actionable data to improve efficiency, reduce downtime, and save time and money on redundant overhead and repetitive tasks. Alerts with video verification help you take appropriate action in real-time, keeping all servers and cameras running at optimal performance.



Event Notifications via DW Mobile+

Stay on top of events as they occur in real-time with smart event notifications to your DW Mobile+ app.





Simple and Direct Integration with DW's InterCam Door Station Camera

Get notifications to the DW Mobile+ app and start recording when the Door Station IP camera's ring button is activated.

5-year Warranty

All COVA recorders come with an unbeatable, bumper-to-bumper 5-year full warranty.



NDAA 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 with manufacturing in Korea, Vietnam and Taiwan.



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GSA

Trade Agreements Act FAR 52.225-5

Product Specifications





PART NUMBER		DW-COVA16	DW-COVA8	DW-COVA4
Operating system		Embedded Linux		
System	Channel	16 channels PoE	8 channels PoE	4 channels PoE
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. 8K (7680x4320)	IP camera max. 4K (3840x2160)	IP camera max. 4K (3840x2160)
Recording speed		Up to 480fps up to 4K resolution, max 192Mbps	Up to 240fps up to 4K resolution, max 80Mbps	Up to 120fps up to 4K resolution, max 80Mbps
Audio input/output		Audio input from supported IP cameras		
Alarm input / Relay output		8-channel inputs / 4-channel outputs	---	---
PTZ control		RS-485, ONVIF	ONVIF	
Power consumption		≤20W (without HDD and PoE power supply) 150W total power output on PoE ports	≤10W (without HDD) 80W total power output on PoE ports	≤10W (without HDD) 48W total power output on PoE ports
Dimension (WxDxH)		14.96" x 10.55" x 1.77"	14.96" x 10.55" x 1.77"	11.81" x 9.8" x 1.77"
Warranty		5 year warranty		

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