COVA
Cloud-Optimized Video Archiving

Cloud Optimized Video Archiving

DW

Cloud-Optimized Video Archiving

What is COVA?

COVA is DW's Cloud-Optimized Video Archiving NVR. It is a bridge recording solution for myDW members, combining cloud monitoring and management with on-site storage — Optimized and Secure™.
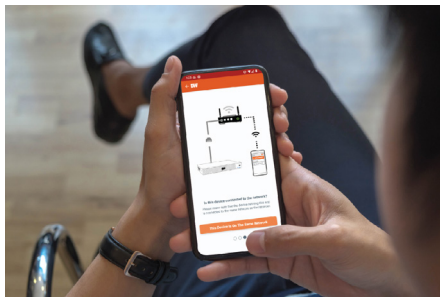
With COVA, NO LOCAL MONITOR IS NEEDED! Simply plug in the COVA and open the DW Mobile+ App to add COVA to your myDW account. Your COVA delivers a web-based cloud client experience with no VMS to download, accessible from any browser. EVERYTHING IS IN THE CLOUD!
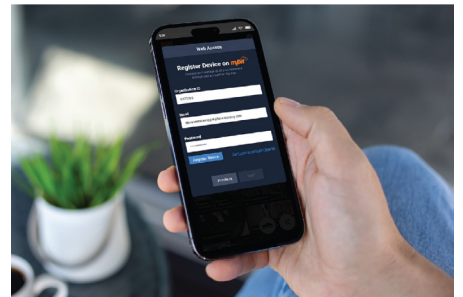
QUICK AND EASY SETUP

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.

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!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.

PLUG AND PLAY WITH LOCAL POE

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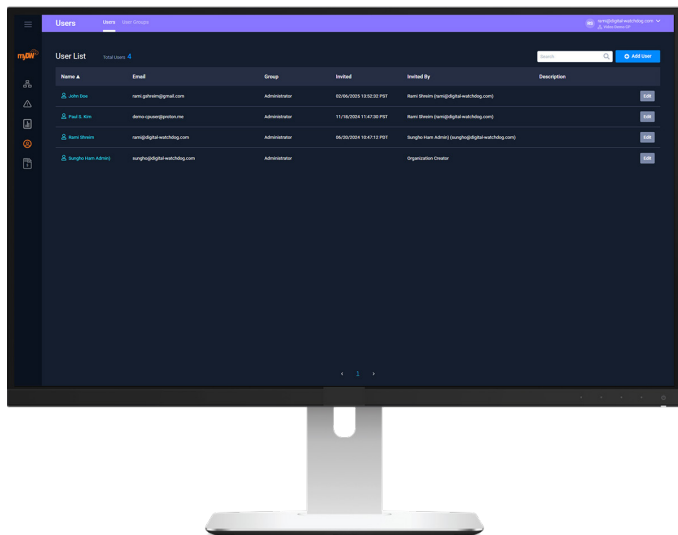
RECORD LOCALLY, ACCESS REMOTELY

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COMPLETE MANAGEMENT VIA MYDW

myDW is a proactive camera 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.
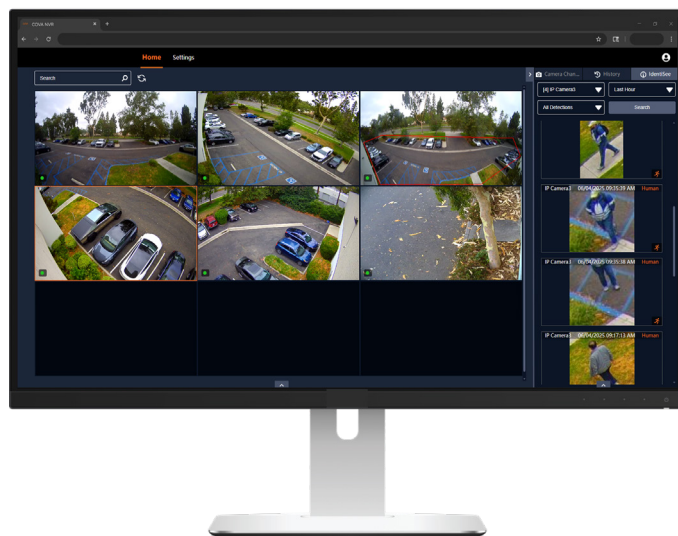

REMOTE USER MANAGEMENT

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.

IDENTISEE AI EVENT SEARCH

Identesee 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!

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.

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.

ENCRYPTED CONNECTION

All data within the COVA NVR and myDW is encrypted and transmitted over secure connections.

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 limited 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.

NDAA
COMPLIANT PRODUCT

GSA

Trade
Agreements
Act FAR 52.225-5

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Built for Users.™

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