GanzCloud

REAL-TIME
DEEP LEARNING
SEARCH ENGINE

CBC GROUP

ganzcloud.com

GanzCloud

A real-time deep learning search engine for video surveillance.

GanzCloud enables any camera* to trigger precise real-time alerts based on persistent searches. Any query (e.g., "red truck 2 am to 5 am garage") becomes a programmatic trigger. GanzCloud brings state-of-the-art Deep Learning to modern video monitoring solutions with the efficiency and flexibility of hybrid edge/cloud SaaS. Save time and money with up to 90% reduction of false positives, resulting in faster human review.

* requires an H.264 RTSP video stream

Make your Cameras Intelligent in 4 Easy Steps.

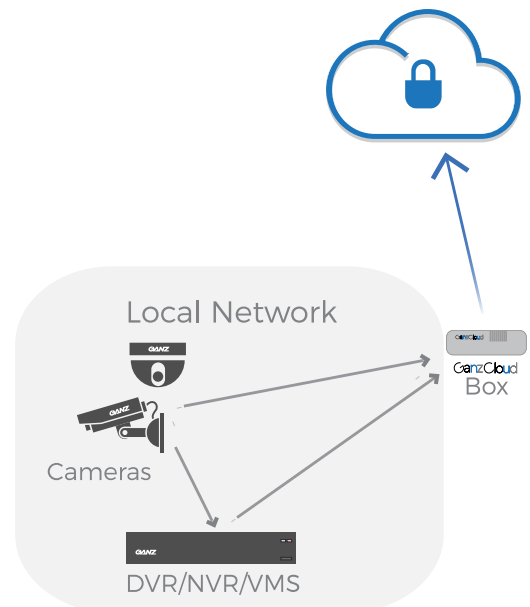### 1. Choose the box

3x1080p Streams
- ARM® Cortex®-A53(ARMv8) 1.5GHz quad core CPUs Gigabit Ethernet
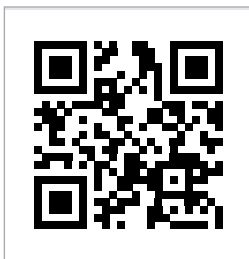- AC power adapter

10x1080p Streams
- Intel Core i5-7200
- 256GB Solid State Drive
- 2 x Intel I211 Gigabit Ethernet
- AC power adapter

2. Connect your Ganz devices to GanzCloud

Local Network

Cameras

DVR/NVR/VMS

GanzCloud Box

3. 1-minute Setup

Scan the QR code on the GanzCloud Box package to register. Then choose the cameras you want to be connected. That's it!

4. Choose your plan

Simply choose the length of the storage plan that is right for you. You can even try it free and upgrade to a GanzCloud plan to match your needs..

GanzCloud Cost Saving Features & Benefits

Smart Search

- Smart search lets you zero-in on events by the Google style natural language search.
- Deep learning automatically switches from timelapse to HD video for best bandwidth efficiency.
- Natural Language Processing makes voice queries fast and simple.

Tamper-Proof Cloud Storage

- Easily add co-workers, family, and other trusted contacts as guests, or share selectively- without adding guests to your account—using fast and simple Query Links such as "people in with red hat at the east entrance."

Easy on Your Network

- Unlike cameras that upload continuously, GanzCloud Box handles 3 to 10 video streams (depending on the model) without bogging down your Internet connection.
- Records in HD only when there is meaningful activity or motion.
- The cost-efficient interest-based video compression can also operate in metadata mode at only 30 kbps/camera.

Secure & Private

- Every connection uses 256-bit RSA Encryption and perfect forward secrecy.
- Every video is stored under the AES-256 Advanced Encryption Standard.

Personalized & Precise Alerts

- Receive search-based video alerts for the events that matter most to you.
- It is also simple to add zones like "front porch" or exclude specific regions.

Make any Device Smart

Any camera can have secure, unlimited storage for 30-day, 60-day or more video with history, real-time human and object detection, natural language search, and smart alerts.

Low Cost of Ownership

Connect any H.264 video stream to the cloud. The bandwidth-efficient local analysis makes it easy to integrate video and data with best-of-breed cloud services.

For storage options and the latest product information go to **ganzcloud.com**

GanzCloud

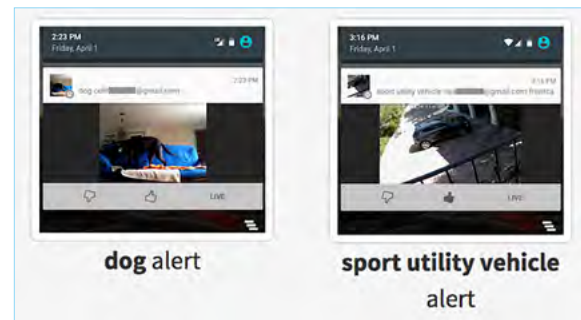## A real-time deep learning search engine for video surveillance.

Flexible, Usage-based Storage

Unlike fixed-price, peak-capacity hardware deployments GanzCloud's usage-based plans automatically reduce costs with dynamically provisioned compute capacity that's shared across all your cameras. You can even try GanzCloud free and upgrade to a storage plan to match your needs.
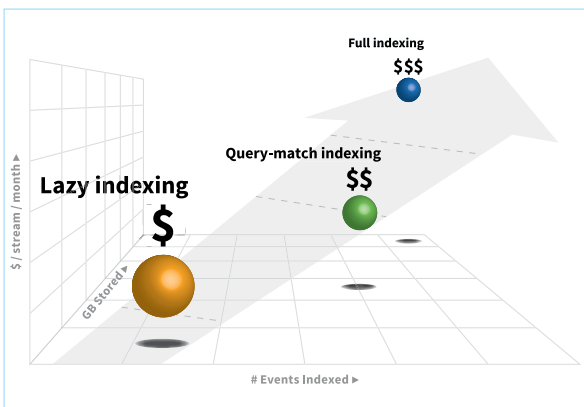
Super-Fast Search

Get rapid search and alerts from any camera with this combination of local analysis and cloud processing.

The 24x7 cloud-based video history is efficient. Continuous collaboration with advanced Deep Learning in the cloud reduces costs and improves the quality of video monitoring.

dog alert

sport utility vehicle alert

Maximize ROI

Not all cameras see the same things or require the same service levels. Deep learning matches the budget to return on investment by knowing what's important. Lazy indexing uploads only in response to forensic searches. Query-match indexing uploads instantly only when the event matches the query. Full indexing uploads everything, but only after AI filters GanzCloud's multi-stage video processing pipeline is uniquely designed to deliver the best value.

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