

Genetec Cloudlink™ 310

Cloud-managed security appliance

The Genetec Cloudlink™ 310 is a video-centric cloud-managed appliance in a compact workstation form factor. It provides the benefits of the cloud for easy connectivity and scalability, while combining the robustness and feature richness of an enterprise video management system. The Cloudlink 310 provides maximum flexibility through a hybrid architecture by extending processing and storage to the edge so you can decide what makes more sense for your deployment. With its fully open architecture, it modernizes existing installations and extends the useful life of legacy equipment by making non-cloud cameras and existing IP cameras cloud-compatible. Additionally, it doubles as a cloud-ready IoT gateway, enhancing connectivity and enabling seamless expansion of capabilities. This future-proofs your infrastructure and adapts with your changing needs.

Fit-for-need

- ideal for
- > **8 to 32** cameras
- typical local retention
- > **30** days



Key features

- Compact plug and play appliance
- Automatic updates managed by Genetec
- Continuous feature delivery
- 3-year hardware warranty
- Remote enrollment, configuration, and monitoring
- Resilient data buffering and offload to cloud with temporary offline mode capability
- Cyber-hardened by design

Benefits



Transition at your own pace – Migrate to the cloud at your own pace and tap into modern security technology without hindering your operations. Leverage existing devices, infrastructure, and systems so you can still capitalize on your past investments.



Consolidate your operations – Reduce the need for separate hardware installations to optimize cost efficiency, saving space, energy, and resources. Organizations can achieve their objectives with fewer devices, reducing upfront costs and ongoing maintenance expenses.



Ease of use – Continuous feature delivery allows you to access the latest and greatest with no effort. Never worry about compatibility and painful upgrades again. Employ new fixes and innovations as soon as they become available.

Applications

Retail

Ideally suited for multi-site operations, the Cloudlink 310 reduces local complexity whilst significantly boosting autonomy and flexibility. It allows you to record and monitor video locally, and easily connect remote sites with a centralized location.

Education

The Cloudlink 310 appliance lets you monitor entries and exits with video surveillance to protect people and assets across campus. Users can easily configure settings, manage video, and check on the status of their system from anywhere, enhancing overall situational awareness, efficiency, and scalability.

Banking

The Cloudlink 310 appliance executes workloads autonomously and can maintain uptime, even without connectivity. Take advantage of enhanced cybersecurity with automatic updates that keep your system performing smoothly at all times.

Technical specifications

Operating system

Genetec Edge OS (Linux based)

Ethernet card (NIC)

1 × 2.5 GbE RJ45

1 × 1 GbE RJ45

I/O (limited use*)

2 × DisplayPort

Incoming throughput

Recommended: 100 Mbps

Maximum: 200 Mbps

Camera compatibility

ONVIF Profile S

Storage

Storage options

8 TB or 20 TB raw

7.2 TB or 18.2 TB usable

Retention period (8 TB)**

30 days of local storage for 8 Full HD at average scene activity, H.264, 15 fps video streams

Retention period (20 TB)**

30 days of local storage for 32 Full HD at low scene activity, H.264, 15 fps video streams

Mechanical and environmental

Dimensions (W x D x H)

Small form factor

3.7" x 11.5" x 11.4"

(97 mm x 292 mm x 290 mm)

Weight

11.4 lbs (5.1 kg)

Power supply

1 × 200W

Operating temperature

50°F to 95°F (10°C to 35°C)

Operating humidity

5 - 90% (non-condensing)

Certifications

Regulatory IEC 60950-1, European

Norm EN 60950-1, CISPR 22/CISPR 24,

EN55022/55024

NDAA compliant

Cybersecurity

End-to-end encryption

TLS 1.3 encryption for in-transit communications and AES-256 encryption for data at-rest in the cloud

Hardened OS and hardware

Cyber-hardened Genetec Edge OS and chipset

Anti-tamper disks encryption with TPM (NVME & HDD)

Maintenance

Connected and automatic updates for Genetec software and continuous feature delivery

Warranty and support

Hardware warranty

3-year warranty

Compatible solution

Security Center SaaS