Genetec™

Genetec Cloudlink™ 310

Cloud-managed security appliance

The Genetec Cloudlink™ 310 is a cloud-managed appliance used to connect local network cameras to Security Center SaaS. As an IoT gateway, the 310 simplifies video management by bringing the benefits of cloud connectivity and resiliency to your physical security system. This compact appliance offers easy connection and growth; remote connectivity and configuration, with a flexible design that includes local storage.

Key features

Plug and play experience

IoT gateway

Automated updates

Continuous feature delivery

Remote enrollment, configuration, and monitoring

Support for local or cloud storage

Local data buffering for enhanced resiliency

Cyber-secure by design

Fit-for-need **

> ideal for
> **8 to 32** cameras

> typical local retention
> **30** days

> support for
> **cloud or local** storage

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 – Automated update and continuous feature delivery allows you to access the latest and greatest with no effort. Never worry about compatibility and painful upgrades again.

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 and manage remote sites from 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

Genetec™

Technical specifications

Processor
Hexa-core, 64-bit CPU

System Memory
16 GB RAM
256 GB flash storage

Operating system
Genetec Edge OS (Linux based)

Interfaces*
Primary ethernet port (WAN):
10/100/1000/2500 Mbps
Secondary ethernet port (LAN):
10/100/1000 Mbps
Two (2) DisplayPorts

Electrical
300W power supply, 90-264 VAC input
voltage

Incoming throughput
Up to 200 Mbps

Camera compatibility
ONVIF Profile S

Storage

Storage options
Standard retention: 8 TB raw
(7.4 TB usable).
Extended retention: 20 TB raw
(19.3 TB usable).

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

Extended retention model**
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 × 292 mm × 290 mm)

Weight
11.4 lbs (5.1 kg)

Operating temperature
41°F to 113°F (5°C to 45°C)

Operating humidity
20% - 80% (Operating)

5% - 95% (Storage)

Certifications
Regulatory IEC 60950-1, European
Norm EN 60950-1, CISPR 22/CISPR 24,
EN55022/55024
NDAA compliant

Cybersecurity

End-to-end encryption
Encryption of data in-transit using TLS 1.3
Encryption of data at rest using AES-256

Cyber-secure appliance
Secure Boot
Cyber-hardened Genetec Edge OS
leveraging hardware TPM (Trusted
Platform Module)

Warranty and support

Hardware warranty
3-year warranty

Compatible solution
Security Center SaaS

*Hardware specifications are subject to change. Units provided will be equivalent or superior to what is shown
in this document. Display ports: refer to admin guide for uses supported.
**Refer to https://svcalculator.genetec.com/ for more simulations.

UPTD_10-25-2022