

# 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.

### Fit-for-need

- ideal for
- > **8 to 32** cameras
- typical local retention
- > **30** days
- support for
- > **cloud or local** storage



### Key features

- Plug and play experience
- IoT gateway
- Automated and remote updates
- Continuous feature delivery
- Remote enrollment, configuration, and monitoring
- Support for local and cloud storage
- Local data buffering for enhanced resiliency
- Cyber-secure 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** – 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.

## Technical specifications

### Operating system

Genetec Edge OS (Linux based)

### Ethernet card (NIC)

1 × 2.5 GbE RJ45

1 × 1 GbE RJ45

### I/O

2 × DisplayPort (future use\*)

### Incoming throughput

Recommended: 100 Mbps

Maximum: 200 Mbps

### Camera compatibility

ONVIF Profile S

## Storage

### Storage options

Standard retention: 8 TB raw (7.2 TB available for video).

Extended retention: 20 TB raw (18.2 TB available for video).

### 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 x 292 mm x 290 mm)

### Weight

11.4 lbs (5.1 kg)

### Power supply

1 × 300W

### 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-512

### 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