

# AXIS Powered by Genetec A1610 & A1210

**AXIS Powered by Genetec** is an enterprise-grade solution that combines the latest in hardware and software innovation. The all-in-one offering has Genetec™ access control software running directly on AXIS network door controllers, making it easy and quick to deploy and maintain.

POWERED BY  
**Genetec™**

This industry-first solution is designed with advanced access control features that are continuously updated with the newest improvements and cybersecurity enhancements. AXIS Powered by Genetec comes pre-loaded with Synergis™ access control software on the AXIS A1610 and A1210 network door controllers, bringing access control logic closer to the door. The controllers are compact and adaptable with flexible installation options.

## Key features

- [Easy installation and maintenance](#)
- [Cloud and hybrid ready](#)
- [Units available in barebone version](#)
- [EAL 6+ secure element and secure boot](#)
- [Ethernet and PoE+ connection](#)
- [Offline decision-making capabilities](#)
- [Embedded threat-level management](#)
- [Plenum rating UL2043](#)
- [First-Person-In and Two-Person Rules](#)
- [Configurable I/O](#)
- [Up to 250,000 credentials stored locally](#)
- [OSDP secure channel supported](#)



**AXIS A1610**  
Powered by Genetec



**AXIS A1210**  
Powered by Genetec



**AXIS A1210 barebone**  
Powered by Genetec



**AXIS A1610 barebone**  
Powered by Genetec

## Key benefits



**Enterprise-grade solution** – This innovative solution has the complete set of Synergis features pre-loaded directly within the unit, providing you with enterprise-grade capabilities. It enhances the AXIS network door controllers with built-in cybersecurity features at both hardware and software levels.

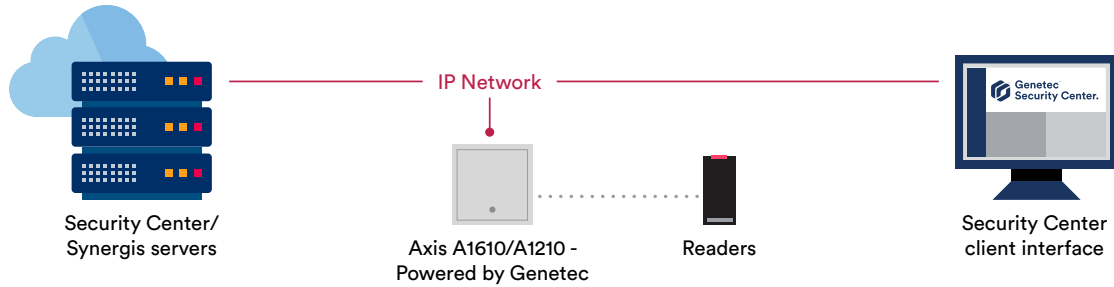


**Extensive flexibility and adaptability**– Having the software already loaded onto the hardware means installations are faster and maintenance easier. The unit has several installation options, such as with or without casing, and is stackable within a cabinet for the Powered by Genetec A1210. This provides more installation flexibility in environments with limited space. The units also have a plenum rating, meaning they can be installed in a ceiling without fear of a fire hazard.



**Intelligence to the edge** – AXIS Powered by Genetec helps bring the intelligence of Synergis closer to the door, making the delivery of business logic to our customers, faster. You'll also benefit from the same level of functionality even when the network is temporarily down. Its containerized architecture makes the most of computing power on the edge, allowing you to optimize security and business operations daily.

## AXIS Powered by Genetec architecture



## Hardware specifications

### AXIS A1210 network door controller Powered by Genetec

<b>System memory</b>	512 MB RAM, 2 GB Flash
<b>Device support</b>	Up to 2 OSDP readers or 1 Wiegand reader 12VDC output, max 500 mA;  1 door  4 inputs and 2 configurable I/Os 1x Form C Relay: 2A at 30VDC  Up to 250,000 credentials and 150,000 events stored locally
<b>Warranty</b>	5 years
<b>Electrical</b>	12V DC Power input
<b>Mechanical</b>	144 × 122 × 50 mm (5.7 × 4.8 × 2.0 in)  645 g (1.4 lbs)
<b>Environment</b>	Operating conditions: 0°C to 70°C (32°F to 158°F); Humidity 10-100% RH (non-condensing) <b>UL 294:</b> 0°C to 55°C (32°F to 131°F)
<b>Security</b>	Password protection, IP address filtering, HTTPS encryption, IEEE 802.1x (EAP-TLS) network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware, secure boot, secure keystore (CC EAL6+ certified)
<b>Supported communications protocols</b>	Supported protocols: IPv4, IPv6, HTTP, HTTPS, TLS, QoS Layer 3 DiffServ, SMTP, mDNS Bonjour, UPnP, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMPv1/v2/v3, DHCPv4/v6, SOCKS, SSH, MQTT v3.1.1, Syslog
<b>Certifications and standards</b>	<b>Approvals:</b> EAC, EN 55035, EN 55032 Class B, EN 50130-4, EN 61000-3-2, EN 61000-3-3, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class B, KC KN35 <b>Safety:</b> IEC/EN/UL 62368-1, UL 294, UL 2043 <b>Environment:</b> NEMA TS 2 (2.2.7-2.2.9), IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78 <b>Others:</b> CSA C22.2 No. 205-1983

### AXIS A1610 network door controller Powered by Genetec

<b>System memory</b>	512 MB RAM, 2 GB Flash
<b>Device support</b>	Up to 4 OSDP or up to 2 Wiegand readers 2x 12VDC output, max 486 mA;  1-2 wired doors  6 inputs and 4 configurable I/Os 2x Form C Relay: 2A at 30VDC  Up to 250,000 credentials and 150,000 events stored locally
<b>Warranty</b>	5 years
<b>Electrical</b>	12V DC Power input
<b>Mechanical</b>	175 × 175 × 60 mm (6 7/8 × 6 7/8 × 2 3/8 in)  1.2 kg (2.6 lbs)
<b>Environment</b>	Operating conditions: -40°C to 55°C (-40°F to 131°F); Humidity 20-85% RH (non-condensing) <b>UL 294:</b> 0°C to 55°C (32°F to 131°F)
<b>Security</b>	Password protection, IP address filtering, HTTPS encryption, IEEE 802.1x (EAP-TLS) network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware, secure boot, secure keystore (CC EAL6+ certified)
<b>Supported communications protocols</b>	Supported protocols: IPv4, IPv6, HTTP, HTTPS, TLS, QoS Layer 3 DiffServ, SMTP, mDNS Bonjour, UPnP, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, RTSP, RTCP, RTP, TCP, UDP, IGMPv1/v2/v3, DHCPv4/v6, SOCKS, SSH, MQTT v3.1.1, Syslog
<b>Certifications and standards</b>	<b>Approvals:</b> EN 55032 Class A, EN 50130-4, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KC KN35 <b>Safety:</b> IEC/EN/UL 62368-1, UL 2043, UL 294, UL 293 <b>Environment:</b> EN 50581 <b>Others:</b> CSA C22.2 No. 205-1983