

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.



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 Verified Secure Channel



Axis Powered by
Genetec A1610

Axis Powered by
Genetec A1210



Axis Powered by
Genetec A1210-B



Axis Powered by
Genetec A1610-B

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.

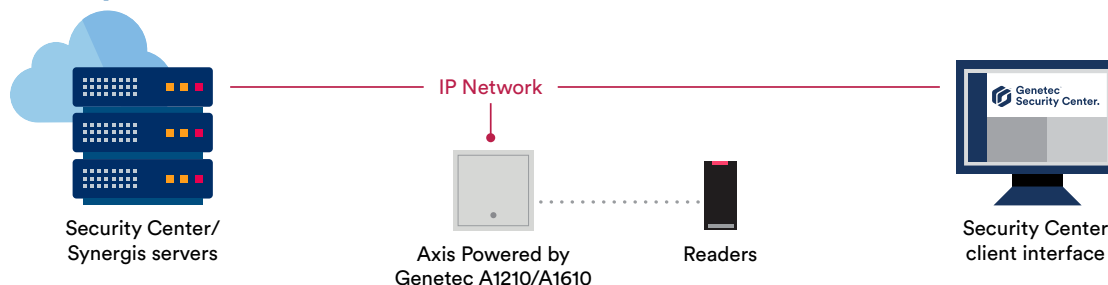


Extensive flexibility and adaptability – Having the software already loaded onto the hardware means installations are faster and maintenance easier. The unit has several installation options, such as with or without casing, and is stackable within a cabinet for the Axis Powered by Genetec A1210. This 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 Powered by Genetec A1210 network door controller

System memory	512 MB RAM, 2 GB Flash
Device support	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 250K credentials and 150K events stored locally - Security Center on-premises Up to 40K credentials and 150K events stored locally - Security Center SaaS
Warranty	5 years
Electrical	12V DC Power input
Mechanical	144 × 122 × 50 mm (5.7 × 4.8 × 2.0 in) 645 g (1.4 lbs)
Environment	Operating conditions: 0°C to 55°C (32°F to 131°F); Humidity 20-85% RH (non-condensing)
Security	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)
Supported communications protocols	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
Certifications and standards	Approvals: 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, OSDP Verified Safety: IEC/EN/UL 62368-1, UL 294, UL 2043 Environment: 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 Others: CSA C22.2 No. 205-1983

Axis Powered by Genetec A1610 network door controller

System memory	512 MB RAM, 2 GB Flash
Device support	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 250K credentials and 150K events stored locally - Security Center on-premises Up to 40K credentials and 150K events stored locally - Security Center SaaS
Warranty	5 years
Electrical	10.5 - 28V DC Power input
Mechanical	175 × 175 × 60 mm (6 7/8 × 6 7/8 × 2 3/8 in) 1.2 kg (2.6 lbs)
Environment	Operating conditions: -40°C to 55°C (-40°F to 131°F); Humidity 20-85% RH (non-condensing) UL 294: 0°C to 55°C (32°F to 131°F)
Security	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)
Supported communications protocols	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
Certifications and standards	Approvals: EN 55032 Class A, EN 50130-4, EN 61000-3-2, EN 61000-3-3, EN 55035, 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, KS C 9832 Class A, KS C 9835, OSDP Verified Safety: IEC/EN/UL 62368-1, CAN/CSA C22.2 No 62368-1, UL 294 Environment: EN 50581