AXIS Powered by Genetec A1710 and A1810

AXIS Powered by Genetec is an enterprise-grade solution that combines the latest in hardware and software innovation.

This industry-first solution has advanced access control features that are continuously updated with the newest improvements and cybersecurity enhancements. AXIS Powered by Genetec comes pre-loaded with Genetec™ access control software on the AXIS A1710 and A1810 network door controllers. The controllers are compact and ideal for centralized installations and offer flexible deployment options for cloud, on-premises, or hybrid deployment scenarios.

AXIS A1810G

AXIS A1710G

Key features

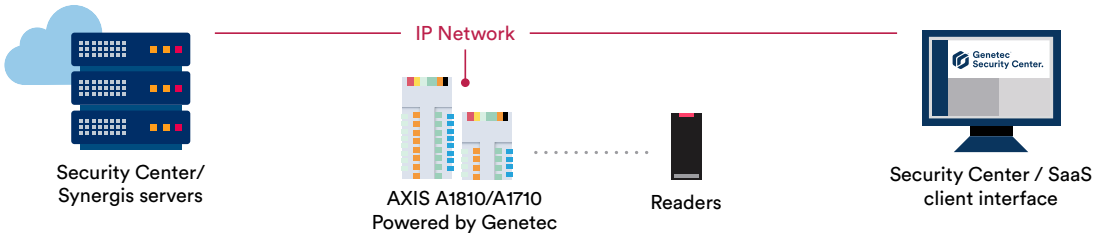
- Easy installation and maintenance
- Cloud and hybrid-ready
- Supports up to 8 doors and 16 readers
- Onboard support for wet and dry locks
- EAL 6+ secure element and secure boot
- Ethernet and PoE+ connection
- Offline decision-making capabilities
- Embedded threat-level management
- Plenum rating UL 2043
- First-Person-In and Two-Person Rules
- Configurable I/Os
- Up to 250,000 credentials stored locally
- OSDP secure channel supported

Key benefits

Enterprise-grade solution
Genetec access control features come pre-loaded on the unit, delivering enterprise-grade capabilities out of the box. AXIS network door controllers are further enhanced with robust built-in cybersecurity features at both the hardware and software levels.

Flexible deployment
The A1710G and A1810G controllers simplify installations with pre-loaded software, enabling faster setup and reduced maintenance. Designed for centralized deployments requiring higher door capacity per controller, these compact units are ideal for space-constrained environments. Their plenum-rated design ensures safe installations, eliminating fire hazard concerns. Direct-to-cloud and compatible with Security Center SaaS, it offers seamless flexibility for cloud and on-premises environments.

Intelligence to the edge
AXIS Powered by Genetec brings Genetec access control software closer to the door, delivering business logic faster and ensuring consistent functionality, even during network interruptions. Its containerized architecture maximizes edge computing power, enabling seamless optimization of security and business operations every day.



Hardware specifications

	AXIS A1710 network door controller Powered by Genetec	**AXIS A1810 network door controller** Powered by Genetec
System memory	512 MB RAM, 2 GB Flash	512 MB RAM, 2 GB Flash
Device support	Up to 8 OSDP readers 4x 12 V DC output, max 2 A	Up to 16 OSDP readers 8x 12 V DC output, max 2 A
	4 doors	8 doors
	4 inputs and 2 configurable I/Os 1x Form C Relay: 2A at 30 V DC	8 inputs and 2 configurable I/Os 1x Form C Relay: 2A at 30 V DC
	Up to 250,000 credentials and 150,000 events stored locally	Up to 250,000 credentials and 150,000 events stored locally
Warranty	5 years	5 years
Electrical	12 V DC Power input	12 V DC Power input
Mechanical	210 × 166.1 × 28.5 mm (8.27 × 6.54 × 1.12 in)	326.5 × 166.1 × 28.5 mm (12.85 × 6.54 × 1.12 in)
	880 g (1.9 lbs)	1330 g (2.9 lbs)
Environment	Operating conditions: -40°C to 55°C (-40°F to 131°F); Humidity 10-85% RH (non-condensing) UL 294: 0°C to 55°C (32°F to 131°F)	Operating conditions: -40°C to 55°C (-40°F to 131°F); Humidity 10-85% 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)	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	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:** CISPR 35, CISPR 32 Class A, EN 55035, EN 55032 Class A, EN 50130-4, EN 61000-6-1, EN 61000-6-2, RCM AS/NZS CISPR 32 Class A, ICES(A)/NMB(A), VCCI Class A, KS C 9835, KS C 9832 Class A, FCC Part 15 Subpart B Class A **Supply chain:** TAA compliant **Safety:** CAN/CSA C22.2 No. 62368-1 ed. 3, IEC/EN/UL 62368-1 ed. 3, RCM AS/NZS 62368.1:2022, UL 2043 Environment: IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78 **Cybersecurity:** ETSI EN 303 645	**Approvals:** CISPR 35, CISPR 32 Class A, EN 55035, EN 55032 Class A, EN 50130-4, EN 61000-6-1, EN 61000-6-2, RCM AS/NZS CISPR 32 Class A, ICES(A)/NMB(A), VCCI Class A, KS C 9835, KS C 9832 Class A, FCC Part 15 Subpart B Class A **Supply chain:** TAA compliant **Safety:** CAN/CSA C22.2 No. 62368-1 ed. 3, IEC/EN/UL 62368-1 ed. 3, RCM AS/NZS 62368.1:2022, UL 2043 Environment: IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78 **Cybersecurity:** ETSI EN 303 645

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