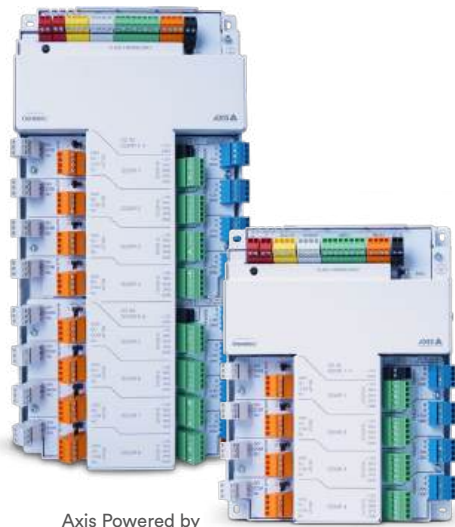


Axis Powered by Genetec A1710 and A1810

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

Axis Powered by Genetec is an industry-first solution with advanced access control features. Genetec access control software is pre-loaded on the Axis A1710 and A1810. These compact network door controllers get continuous updates and cybersecurity enhancements. They're ideal for centralized installations with deployments in the cloud, on-premises, or both.



Axis Powered by
Genetec A1810

Axis Powered by
Genetec A1710



Key features

Easy installation and maintenance

Cloud-ready and hybrid-ready

Supports for up to 8 doors and 16 readers

Support for wet and dry contact relays

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

Support for OSDP secure channel

Optional enclosure with power supply bundle for streamlined installation

Key benefits

Enterprise-grade solution

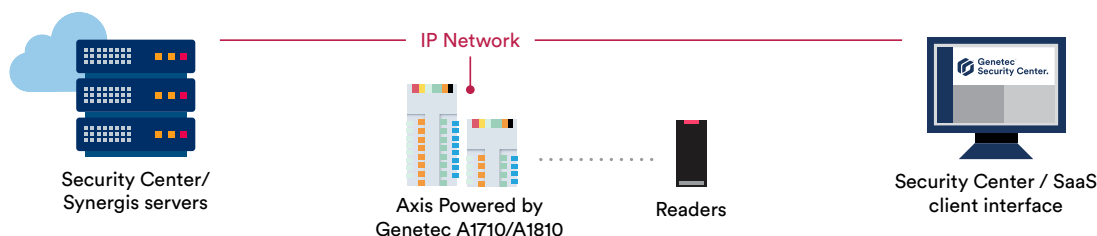
Genetec access control features come pre-loaded on the unit. You get enterprise-grade capabilities out of the box. Our platform has robust cybersecurity built into the hardware and software levels, which further enhances Axis door controllers.

Flexible deployment

The A1710 and A1810 controllers simplify installations. Their pre-loaded software means faster setup and reduced maintenance. The units are designed for centralized deployments requiring higher door capacity per controller. Their plenum-rated design ensures safe installations, eliminating fire hazard concerns. As a direct-to-cloud solution, they're compatible with Security Center SaaS. You get seamless flexibility for cloud and on-premises environments.

Intelligence to the edge

Axis Powered by Genetec brings access control software closer to the door. It delivers business logic faster and ensures consistent functionality, even during network interruptions. Its containerized architecture maximizes edge computing power. That means security and business operate seamlessly every day.



Hardware specifications

	Axis Powered by Genetec A1710-B network door controller	Axis Powered by Genetec A1810-B network door controller
System memory	512 MB RAM, 2 GB Flash	512 MB RAM, 2 GB Flash
Device support	4-door, up to 8 OSDP readers or Wiegand-to-OSDP option 4 x 12 V DC output, max 2 A	8-door, up to 16 OSDP readers or Wiegand-to-OSDP option 8 x 12 V DC output, max 2 A
	DPS and REX input per door 5 inputs, 2 configurable I/Os, and 4 outputs 4 x Form C Relay and 4 x Aux Form C Relay	DPS and REX input per door 5 inputs, 2 configurable I/Os, and 4 outputs 8 x Form C Relay and 8 x Aux Form C Relay
	Up to 250K credentials and 150K events stored locally with Security Center on-premises Up to 40K credentials and 150K events stored locally with Security Center SaaS	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	5 years
Electrical	12 V DC power input	12 V DC power input
Mechanical	210 x 166.1 x 28.5 mm (8.27 x 6.54 x 1.12 in)	326.5 x 166.1 x 28.5 mm (12.85 x 6.54 x 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, 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, 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	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	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	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	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