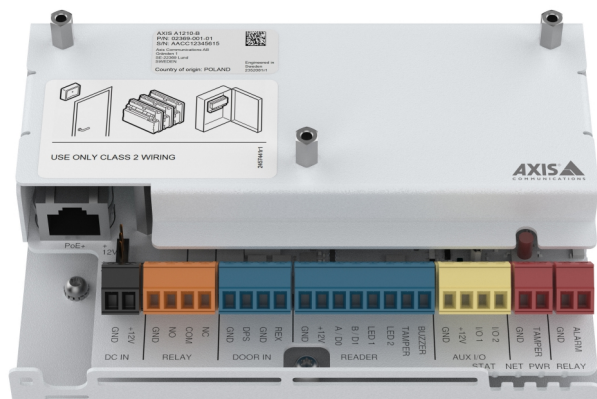# AXIS A1210-B Network Door Controller
Compact barebone one door controller

AXIS A1210-B includes everything needed to control one door all powered by one PoE cable. Fully integrated within Axis end-to-end solutions, it's optimized for both small and large installations and supports flexible authentication using different types of credentials. Suitable for installation anywhere, this compact, competitively priced barebone unit offers fast and easy installation on walls. Plus, it's possible to stack units, ideal for installation in small spaces such as existing or newly installed cabinets. Furthermore, with built-in cybersecurity features, it prevents unauthorized access and safeguards your system.

> **Complete control for one door**

> **Flexible installation options**

> **Intelligence on the edge**

> **Built-in cybersecurity features**

> **Fully integrated within Axis end-to-end solutions**

AXIS A1210-B Network Door Controller

Door controller	
Readers	Up to 2 OSDP readers (multi-drop) or 1 Wiegand reader per controller OSDP Secure Channel supported
Doors	1 door
Credentials	Qualified for up to 250 000 credentials stored locally
Event buffer	Qualified for up to 250 000 events stored locally

Power	
	Power in: 11.5–12.5 V DC, max 36 W, or Power over Ethernet (PoE) IEEE 802.3at, Type 2 Class 4 **Relay:** 1x relay NO/NC, max 2 A DC **Power out lock:** 24 W at 12 V DC, 12 W at 24 V DC **Power out reader:** 12 V DC, max 6 W **Total power budget for peripheral devices (locks, readers etc.):** 2100 mA at 12 V if powered by DC, 1300 mA at 12 V if powered by PoE Class 4

I/O interface	
Reader	DC output: 12 V, max 540 mA Data: OSDP, Wiegand I/O: Three open drain outputs, max 30 V, 100 mA each One supervised input
Door	DC output: 12/24 V, jumper configurable Power output: See the Power section I/O: REX and door position sensor supervised inputs Output relays: one relay, Form-C contacts: 2 A at 30 V DC, resistive
Auxiliary	DC output: 12 V, 50 mA I/O: Two ports, configurable inputs or outputs
External	External tamper supervised input Alarm supervised input
Supervised input	Configurable input for reader interface, door REX input, door position sensor input, and AUX Programmable end-of-line resistors, 1 K, 2.2 K, 4.7 K and 10 K, 1 %, ¼ watt standard One unsupervised input dedicated for cabinet tamper

Cable requirements	
	DC power and relay: AWG 18-16 **Ethernet and PoE:** CAT 5e **Reader data (RS485):** 1 twisted pair with shield, AWG 24, 120 ohm impedance, qualified for up to 1000 m (3281 ft) **Reader data (Wiegand):** AWG 22, qualified for up to 150 m (500 ft) **Reader powered by controller (RS485):** AWG 18–16, qualified for up to 200 m (656 ft) **Reader powered by controller (Wiegand):** AWG 18–16, qualified for up to 150 m (500 ft) **I/Os as inputs:** AWG 28–16, qualified for up to 200 m (656 ft)

Network	
Security	Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1x (EAP-TLS)[a] network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware, secure boot, Axis Edge Vault, Axis device ID, secure keystore (CC EAL6+ certified)
Network protocols	IPv4, IPv6, HTTP, HTTPS[a], TLS[a], 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

Events	
Tamper detection	Removal of unit cover/tamper front

Reader tamper
Tilting, vibration

General	
Casing	Aluminum Color: white NCS S 1002-B For repainting instructions of skin cover or casing and impact on warranty, contact your Axis partner.
Sustainability	PVC and BFR/CFR free
Memory	512 MB RAM, 2 GB Flash
Connectors	Shielded RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE Terminal blocks: DC power, 12 inputs/outputs, RS485/Wiegand, relay. Detachable and color coded connectors for ease of installation. Wire size for connectors: CSA: AWG 28–16, CUL/UL: AWG 30–14
Operating conditions	0 °C to 70 °C (32 °F to 158 °F) Humidity 10–100% RH (non-condensing)
Storage conditions	-40 °C to 70 °C (-40 °F to 158 °F)
Approvals	**EMC** 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 **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
Dimensions	134 x 95 x 45 mm (5.3 x 3.7 x 1.8 in)
Weight	425 g (0.9 lb)
Mounting	Cabinet mount DIN rail mount Stack mount
Included accessories	Installation guide, connector kit (mounted), grounding kit, cable ties
Optional accessories	AXIS TA4701 Access Card AXIS TA4702 Key Fob AXIS TA1801 Top Cover AXIS TA1901 DIN Rail Clip AXIS TA1902 Access Control Connector Kit AXIS TA1601 Mounting Plate AXIS T98A15-VE Surveillance Cabinet AXIS 30 W Midspan AXIS 30 W Midspan AC/DC AXIS T8006 PS12 For more accessories, see *www.axis.com*
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese
Warranty	5-year warranty, see *axis.com/warranty*

a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

Environmental responsibility:

axis.com/environmental-responsibility

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