AXIS A4612 Network Bluetooth® Reader

Bluetooth reader for easy, flexible access

Fully integrated within Axis end-to-end solutions, this sleek and durable Bluetooth reader offers convenient access using your mobile phone. It also supports most types of RFID card standards with 13.56MHz credentials. Easy to install in tight spaces, this IP55-rated device is ready for installation both indoors and outdoors. And the glass front panel is scratch-resistant. With PoE, you can connect to the closest network switch with a single cable for both power and connectivity - no need to wire back to the door controller. Plus, it offers remote maintenance possibilities over the network, with lower costs and higher security.

- > Convenient and reliable access solution
- > Supports mobile access and RFID cards
- > Mullion-mount design for easy installation
- > Complete interface for one door powered by IP
- > Fully integrated within Axis end-to-end solutions

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Reader	
Bluetooth	Bluetooth[a] version: 5.0 Low Energy Range: configurable 3-10 m (9.8-32.8 ft) Security: RSA-1024, AES-128 encryption Operation Mode: reader touch, tap in app Mobile application support: AXIS Mobile Credential
RFID	13.56 MHz ISO14443A and ISO14443B (MIFARE Classic®, MIFARE Plus® (Level 1), MIFARE DESFire® EV1, EV2, and EV3).
Touch button	Capacitive touch
Alarm status indication	RGB LED for user feedback, buzzer
Tampering	
Detection type	Built-in tamper switch for detecting removal from wall or back plate.
Power	
	Power in: 12 V DC, max 12.0 W, or Power over Ethernet (PoE) IEEE 802.3af Type 1 Class 3
I/O interface	
Output	Active output: 8 to 12 V DC, max 600 mA Relay: 1x relay NO/NC, max 1 A 30 V DC
Input	2x digital inputs: -30 to 30 V DC
Network cables	Cable length: 2.9m pigtail
General	
Network protocols	HTTP, HTTPS[b], SMTP, TFTP DHCP opt. 66, Syslog
Casing	IP55-rated Plastic casing, hard-coated front glass Color: black
Mounting	Suitable for any flat surface mounting with applicable accessories
Operating conditions	-40° C to 60 °C (–40° F to 140 °F) Humidity 10–95% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Dimensions	For the overall product dimensions, see the dimension drawing in this datasheet. Effective Projected Area (EPA): 0.007 m^2 (0.02 ft^2)
Weight	500 g (1.1 lb)
Box content	Reader, installation guide, TORX® T10 L-key
Optional accessories	AXIS TA4601 Surface Mount, AXIS TA4602 Installation Back Box For more accessories, go to *axis.com/products/axis-a4612#accessories*
System tools	AXIS IP Utility, product selector, accessory selector Available at *axis.com*
Languages	English, German, French, Spanish, Italian, Japanese, Dutch, Czech
Warranty	5-year warranty, see *axis.com/warranty*
Part numbers	Available at *axis.com/products/axis-a4612#part-numbers*
Approvals	
Product markings	UL/cUL, CE, KC, VCCI, RCM, FCC, MIC, GITEKI(R), NCC
Supply chain	TAA compliant
EMC	EN 55032 Class B **Japan:** VCCI Class B **USA:** FCC Part 15 Subpart B Class B
Safety	IEC/EN/UL 62368-1 ed. 3, UL 294, EN 62311
Environment	IEC 60068-2-11, IEC/EN 60529 IP55
Wireless	EN 300330, EN 300328, EN 301489-1, EN 301489-3, EN 301489-17, MIC, WPC, EN 62479
Sustainability	
Substance control	PVC free, BFR/CFR free in accordance with JEDEC/ECA Standard JS709 RoHS in accordance with EU RoHS Directive 2011/65/EU/ and EN 63000:2018 REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see *echa.europa.eu*
Materials	Screened for conflict minerals in accordance with OECD guidelines To read more about sustainability at Axis, go to *axis.com/about-axis/sustainability*
Environmental responsibility	*axis.com/environmental-responsibility* Axis Communications is a signatory of the UN Global Compact, read more at *unglobalcompact.org*

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b. *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).*