ASTUTO

Secure any site effortlessly with Astuto's encrypted credentials and readers!

astutoaccess.com

ASTUTO

EXTRA SIMPLE, EXTRA SECURE

Astuto offers high encryption security for robust protection

All you have to do is scan the QR code to register your site.

Astuto is ready to use, encryption straight out of the box!

Astuto utilises AES (Advanced Encryption Standard) technology to create a range of products unique to your business. These are both familiar and excitingly different from what you have been using...until now!

Using Astuto, the chances of unintentional duplication are substantially reduced and unauthorised reproduction is made significantly more difficult.

With Astuto encryption, you now have the extra level of security, without the extra level of effort! Simply purchase a Discovery KIT or required readers and credentials, register your details and you're ready to go.

We maintain a secure database of a maximum of one integrator with access to each credential for a site at anytime, and therefore your customer finds peace of mind that no unauthorised production is occurring.

We also record your previous purchases so order with your Astuto Key or by quoting the site address/building name, and we'll know where you're up to and send you the next set of credentials!

Want to step into the future?
Move to Bluetooth credentials!
Scan the QR code to find out how.

ASTUTO▶ *RAPID*
FLEX

ASTUTO
Security Level 3 (Site-Specific)
Designed for high-security environments, Astuto offers site-specific encryption to ensure maximum protection. Each Astuto site has its own **unique encryption** and cannot be duplicated across multiple sites. Astuto's advanced encryption ensures that user credentials, numbers and site data remain fully protected—providing complete oversight and control.

ASTUTO RAPID
### Security Level 1 (Site-Specific)
Astuto **RAPID** delivers a robust security profile with site-specific encryption while maintaining a superior read range. Enhanced capability ensures **RAPID** and efficient authentication. User credentials, numbers, and sites are protected by Astuto for added security and control.

ASTUTO FLEX
Security Level 1 (Non-Site-Specific)
The new Astuto **FLEX** offers an open-format encryption solution, allowing users flexibility to order without specific site codes and credentials range. Unlike others, **FLEX** makes it an ideal option for fast access and off-the-shelf availability. User credentials, numbers, and sites are not tracked by Astuto.

ASTUTO READERS
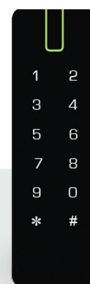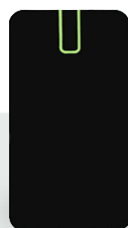
ASTUTO Mini Reader	ASTUTO Keypad Reader

Unparalleled Security in a Compact Design

The ASTUTO Mini Reader is renowned for its exceptional blend of size and security. Designed to fit seamlessly into any environment, this mini reader offers state-of-the-art security features without compromising aesthetics or performance.

Advanced Encryption for Maximum Protection

Equipped with SL1/SL3 encryption technology, the ASTUTO Mini Reader ensures that only uniquely encrypted credentials can gain access. This high level of encryption guarantees that your security remains uncompromised, providing peace of mind in knowing that only authorized users can enter your premises.

SIA OSDP Verified

Our commitment to security excellence is demonstrated by the ASTUTO Mini Reader's OSDP (Open Supervised Device Protocol) verification. This certification ensures the highest standards of security communication, reducing the risk of unauthorized access and ensuring that your system is protected against sophisticated threats.

Extended Wiring Distance

The ASTUTO Mini Reader not only excels in security but also in practicality. With an extended wiring distance of up to 1 km on OSDP, this reader offers unparalleled flexibility in installation, allowing you to secure large areas without the need for additional infrastructure.

Sleek and Compact

Despite its advanced capabilities, the ASTUTO Mini Reader maintains a sleek and discreet profile. Its compact size makes it an ideal choice for installations where space is at a premium, without sacrificing the robust security features that you depend on.

Key Features:

SL1/SL3 encryption: Ensures credentials are uniquely encrypted for maximum security.

SIA OSDP Verified: Meets the highest standards of secure communication protocols.

Extended Wiring Distance: Supports installations up to 1 km away (OSDP), providing flexibility and convenience.

Compact Design: Blends seamlessly into any environment without compromising on functionality.

Secure Your Space with Confidence

Choose the ASTUTO Mini Reader for a security solution that offers both cutting-edge technology and practical benefits. Protect your premises with a reader that delivers top-tier security, flexibility, and a sleek design, all in one compact device.

The Perfect Fusion of Security and Convenience

Introducing the ASTUTO Keypad Reader, this innovative device is designed to offer superior protection and ease of use, making it an essential addition to any secure environment.

Robust Encryption for Unmatched Security

The ASTUTO Keypad Reader features cutting-edge SL1/SL3 encryption technology. This ensures that every credential entered is uniquely encrypted, providing a fortress of security that only allows access to authorized individuals. Your premises remain safeguarded against unauthorized entry, thanks to this robust encryption standard.

SIA OSDP Verified

Our ASTUTO Keypad Reader is OSDP (Open Supervised Device Protocol) verified, adhering to the highest security communication standards. This verification guarantees that your access control system communicates securely, reducing vulnerabilities and enhancing the overall protection of your property.

Extended Wiring Distance for Versatile Installations

Flexibility is at the core of the ASTUTO Keypad Reader's design. With an impressive wiring distance of up to 1 km on OSDP, it can be installed in various locations without the need for extensive cabling infrastructure. This extended range ensures that you can secure large or multiple areas efficiently and effectively.

User-Friendly Keypad Interface

The ASTUTO Keypad Reader combines high security with unparalleled convenience. Its intuitive keypad interface allows users to enter their credentials quickly and easily, making it ideal for high-traffic areas. Whether for employees, residents, or visitors, the user experience is smooth and efficient.

Sleek and Durable Design

Built to withstand the rigors of daily use, the ASTUTO Keypad Reader features a sleek and durable design. Its compact form factor ensures that it fits seamlessly into any environment while maintaining its functionality and aesthetic appeal.

Key Features:

SL1/SL3 encryption: Provides top-tier security by uniquely encrypting each credential.

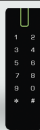**SIA OSDP Verified:** Ensures secure communication protocols for enhanced protection.

Extended Wiring Distance: Supports installations up to 1 km away (OSDP), offering greater flexibility.

Intuitive Keypad Interface: Allows for easy and quick credential entry.

Sleek and Durable Design: Blends seamlessly into any environment and withstands daily use.

Elevate Your Security with ASTUTO Keypad Reader

Choose the ASTUTO Keypad Reader for a security solution that combines the best of both worlds: advanced encryption technology and user-friendly access. Protect your premises with a device that offers maximum security, extended installation range, and a convenient interface, all encapsulated in a sleek design.

ASTUTO READERS

	ASTUTO	ASTUTO RAPID	ASTUTO FLEX
Part Numbers	ASTMINI ASTKEYPAD	ASTRAPIDMINI ASTRAPIDKEYPAD	ASTFLEXMINI ASTFLEXKEYPAD
Encryption	SL3	SL1	SL1
Frequency	2.4GHz, 13.56MHz	2.4GHz, 13.56MHz	2.4GHz, 13.56MHz
Credentials Compatibility	ASTUTO, BLE, NFC	ASTUTO RAPID, BLE, NFC	ASTUTO FLEX, BLE, NFC
Communication Interface	Wiegand, OSDP	Wiegand, OSDP	Wiegand, OSDP
BLE Read Range	Adjustable (10 cm - 12 m)	Adjustable (10 cm - 12 m)	Adjustable (10 cm - 12 m)
Color	Mini (Black and Grey) Keypad (Black)	Mini (Black and Grey) Keypad (Black)	Mini (Black and Grey) Keypad (Black)
Ingress Protection	IP65	IP65	IP65
Operating Voltage Range	9 - 15 VDC	9 - 15 VDC	9 - 15 VDC
Wiring Distance	Wiegand up to 150m OSDP up to 1km	Wiegand up to 150m OSDP up to 1km	Wiegand up to 150m OSDP up to 1km
Dimensions	45 mm x 80 mm x 12.5 mm 42.8 mm x 157.8 mm x 16 mm	45 mm x 80 mm x 12.5 mm 42.8 mm x 157.8 mm x 16 mm	45 mm x 80 mm x 12.5 mm 42.8 mm x 157.8 mm x 16 mm

Visit our website to find a distributor – **www.astutoaccess.com**

ASTUTO SMART CREDENTIALS

Astuto smart credentials are specially designed to make access control more powerful, versatile, and secure when compared with legacy 125kHz frequency technologies. Astuto offers durable and reliable smart credentials with factory programming, including off-the-shelf encryption keys. It supports standard and unique bit formats, choice of facility codes, and ID ranges tailored to meet your needs. The Astuto ISO Card meets ISO thickness standards for use with direct image and thermal transfer printers.

Part Numbers	ASTISOCARD	ASTDUOCARD	ASTGEMTAG	ASTDISC25	ASTBLE
Encryption	SL3	SL3	SL3	SL3	256-bit GOST
Dimensions (mm)	85.7 x 54.0 x 0.8	85.7 x 54.0 x 0.8	32 x 55.5 x 7	25 x 1	-
Frequency	13.56MHz	13.56MHz, 125KHz	13.56MHz	13.56MHz	2.4GHz
Read Range *	Up to 3 cm	Up to 3 cm	Up to 1 cm	Up to 1 cm	Up to 12 m
Slot Punch	Marking only	Marking only	Key ring included	-	-
Storage & Operating Temperatures	-10° to 70° C	-10° to 70° C	-20° to 50° C	-10° to 70° C	-
Material	PVC	PVC	ABS+Zinc Alloy	PVC	QR Code
Printable	Yes	Yes	Yes(Number only)	Yes(Number only)	-
Endurance	Minimum 100,000 reads	Minimum 100,000 reads	Minimum 100,000 reads	Minimum 100,000 reads	-
Colour	White	White	White	White	-

* Depend upon installation conditions
* Astuto's close proximity credentials are designed to reduce potential interference from impertinent fobs or credentials where multiple are held within a keyring or other carrying device like remotes. This reduces the likelihood of the inconvenience of swipe/badge rejection caused by improper selection by the reader at the time of the access request.

RAPID AND FLEX SMART CREDENTIALS

Astuto **RAPID** and **FLEX** smart credentials bring modern, secure alternatives to legacy 125kHz technology, designed to meet the evolving demands of today's access control environments.

RAPID credentials are site-specific and factory-programmed with unique encryption keys, delivering tightly controlled access and elevated data protection. Their superior read range enables fast and seamless authentication while maintaining a high-security posture—ideal for environments where credential integrity is critical.

FLEX credentials offer an open-format, non-site-specific solution—perfect for fast deployment, simplified ordering, and off-the-shelf convenience. **FLEX** delivers the same strong encryption and robust data protection, making it a reliable choice for flexible, scalable access control needs.

Both **RAPID** and **FLEX** leverage secure, industry-standard encryption protocols to safeguard communication between the credential and reader—reducing the risk of data compromise, unauthorized duplication, or replay attacks.

Part Numbers	ASTRAPIDCARD ASTFLEXCARD	ASTRAPIDTAG ASTFLEXTAG	ASTRAPIDDISC ASTFLEXDISC	ASTBLE
Encryption	SL1	SL1	SL1	256-bit GOST
Dimensions (mm)	85.7 x 54.0 x 0.8	42.1 x 36.1 x 6.3	18 x 1	–
Frequency	13.56MHz	13.56MHz	13.56MHz	2.4GHz
Read Range *	Up to 5 cm	Up to 5 cm	Up to 3 cm	Up to 12 m
Slot Punch	Vertical/Horizontal	–	–	–
Storage & Operating Temperatures	-10° to 70° C	-10° to 50° C	-10° to 70° C	–
Material	PVC	ABS	PVC	QR Code
Printable	Yes	Yes(Number only)	Yes(Number only)	
Endurance	Minimum 100,000 reads	Minimum 100,000 reads	Minimum 100,000 reads	–
Colour	White	White	White	–

* Depend upon installation conditions

* Astuto's close proximity credentials are designed to reduce potential interference from impertinent fobs or credentials where multiple are held within a keyring or other carrying device like remotes. This reduces the likelihood of the inconvenience of swipe/badge rejection caused by improper selection by the reader at the time of the access request.

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NEED ENCRYPTION NOW?

ASTUTO offers ready to go encrypted kits straight off the shelf!

ASTDISKIT

ASTUTO Discovery KIT

suits most access control systems* and contains:

- 2x Astuto mini readers (Wiegand/OSDP) with lifetime warranty
- 2x Astuto encrypted ISO cards
- 2x Astuto encrypted gemtags

*Your access control system may need an accessory to link to the smart readers
ie: Wiegand converter or similar. Please ask our distributors for assistance if necessary.

HOW DOES IT WORK?

The contents of your Astuto are already encrypted. Simply follow the steps below to ensure your site remains protected so you and only you are able to access more credentials as required.

1.

Please scan this QR code to register your site.

2.

Decide whether you need any additional Astuto readers or credentials.

3.

For any order or registration related inquiries contact: registration@astutoaccess.com

Visit our website to find a distributor – **www.astutoaccess.com**

ASTUTO

Limited lifetime warranty on all Astuto products

Visit our website to find a distributor

www.astutoaccess.com