ASTUTO

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

astutoaccess.com

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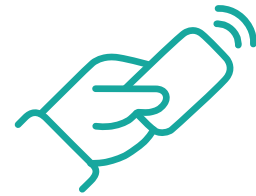
ASTUTO

EXTRA SIMPLE, EXTRA SECURE

Astuto kits contain a set of already encrypted products.

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 128 bit 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!

By encrypting a reader and credential pair, 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 kit, 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 FREEDOM

ASTUTO

An encryption that is unique to each site or premises you're trying to protect. The readers and the credentials both need to hold the same encryption code in order for them to work together. **Each Astuto site** has its own **unique encryption** and cannot duplicate across multiple sites.
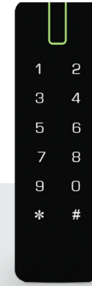
ASTUTO RAPID

Astuto RAPID is an off the shelf solution for times where an added level of security is desired but having encryption unique to that site is not necessary. This allows for faster access to credentials (available off the shelf).

ASTUTO FREEDOM

Taking the benefits of the standard Astuto product and removing the constraints and risks that Wiegand sometimes presents by adding OSDP (Open Supervised Device Protocol). These addressable readers provide superior security and flexibility by being able to operate on the BUS wire system of your chosen panel.

ASTUTO READERS

ASTUTO Mini 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 128-bit Advanced Encryption Standard (AES) 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 Discreet

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:

128-bit AES 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.

ASTUTO Keypad Reader

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 128-bit Advanced Encryption Standard (AES) 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:

128-bit AES 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 FREEDOM	ASTUTO RAPID	ASTUTO RAPID FREEDOM
Base Model	AST9053 AST9055	AST9053FREEDOM AST9055FREEDOM	AST9053-R AST9055-R	AST9053FREEDOM-R AST9055FREEDOM-R
Encryption	128-bit AES	128-bit AES	128-bit AES	128-bit AES
Frequency	2.4GHz, 13.56MHz	2.4GHz, 13.56MHz	2.4GHz, 13.56MHz	2.4GHz, 13.56MHz
Credentials Compatibility	ASTUTO, BLE, NFC	ASTUTO, BLE, NFC	ASTUTO RAPID, BLE, NFC	ASTUTO RAPID, BLE, NFC
Communication Interface	Wiegand	Wiegand, OSDP	Wiegand	Wiegand, OSDP
BLE Read Range	Adjustable (10 cm - 12 m)	Adjustable (10 cm - 12 m)	Adjustable (10 cm - 12 m)	Adjustable (10 cm - 12 m)
Color	Mini (Black, White and Grey) Keypad (Black)	Mini (Black and Grey) Keypad (Black)	Mini (Black, White and Grey) Keypad (Black)	Mini (Black and Grey) Keypad (Black)
Ingress Protection	IP65	IP65	IP65	IP65
Operating Voltage Range	9 - 15 VDC	9 - 15 VDC	9 - 15 VDC	9 - 15 VDC
Wiring Distance	up to 150m	up to 1km	up to 150m	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

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

SMART CREDENTIALS

Astuto smart credentials are specially designed to make access control more powerful, versatile, and secure when compared with legacy 125 kHz 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	ASTGELTAG	ASTGEMTAG	ASTDISC	ASTBLE
Encryption	128-bit AES	128-bit AES	128-bit AES	128-bit AES	128-bit AES	256-bit GOST
Dimensions (mm)	85.7 x 54.0 x 0.8	85.7 x 54.0 x 0.8	50 x 30 x 4	32 x 55.5 x 7	23 x 1	-
Frequency	13.56 MHz	13.56 MHz, 125KHz	13.56 MHz	13.56 MHz	13.56 MHz	2.4GHz
Read Range *	Up to 5 cm	Up to 5 cm	Up to 2 cm	Up to 1 cm	Up to 1 cm	Up to 12 m
Slot Punch	Vertical/Horizontal	Vertical/Horizontal	Key ring included	Key ring included	-	-
Storage & Operating Temperatures	-10° to 70° C	-10° to 70° C	-20° to 80° C	-20° to 80° C	-10° to 70° C	-
Material	PVC	PVC	PVC	PVC	PVC	QR Code
Printable	Yes	Yes	No	Yes(Number only)	No	-
Endurance	Minimum 100,000 reads	Minimum 100,000 reads	Minimum 100,000 reads	Minimum 100,000 reads	Minimum 100,000 reads	-
Colour	White	White	White	White	White	-
Range Availability	ASTUTO, RAPID, FREEDOM	ASTUTO, FREEDOM	ASTUTO, FREEDOM	ASTUTO, RAPID, FREEDOM	ASTUTO, RAPID, FREEDOM	ASTUTO, RAPID, FREEDOM

* 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.

ASTUTO CREDENTIALS

	ASTUTO READERS	ASTUTO READERS FREEDOM	ASTUTO READERS RAPID	ASTUTO READERS RAPID FREEDOM
ASTUTO ISO CARD	✔	✔	✖	✖
ASTUTO DUAL FORMAT CARD	✔	✔	✖	✖
ASTUTO GEL TAG	✔	✔	✖	✖
ASTUTO GEM TAG	✔	✔	✖	✖
ASTUTO SELF ADHESIVE DISC	✔	✔	✖	✖
ASTUTO BLE CREDENTIALS	✔	✔	✖	✖
ASTUTO RAPID ISO CARD	✖	✖	✔	✔
ASTUTO RAPID GEM TAG	✖	✖	✔	✔
ASTUTO RAPID SELF ADHSIVE DISC	✖	✖	✔	✔
ASTUTO RAPID BLE CREDENTIALS	✖	✖	✔	✔

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

NEED ENCRYPTION NOW?

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

B6 KIT

ASTUTO B6 KIT suits Bosch 6000 access control systems and contains:

- 2x Astuto encrypted Bluetooth readers with lifetime warranty
- 10x Astuto encrypted ISO cards
- 2x Astuto encrypted executive gel tags
- 2x Genuine Bosch Wiegand converters

ANYPANEL KIT

ASTUTO ANYPANEL KIT suits most access control systems* and contains:

- 2x Astuto encrypted Bluetooth readers with lifetime warranty
- 10x Astuto encrypted ISO cards
- 2x Astuto encrypted executive gel tags

*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

FREEDOM KIT

ASTUTO FREEDOM KIT suits most access control systems and contains:

- 2x Astuto OSDP encrypted Bluetooth readers with lifetime warranty
- 10x Astuto encrypted ISO cards
- 2x Astuto encrypted executive gel tags

HOW DOES IT WORK?

The contents of your Astuto Kit 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.

Scan the QR code on the registration card to register your site.

2.

Decide if you need additional Astuto readers or credentials.

3.

For any order or registration related enquiries contact:

registration@ astutoaccess.com

4.

Put the Astuto stickers provided on the control panel to ensure everyone knows it's an Astuto site.

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

ASTUTO▶

ORDER FORM – READER

ASTUTO Mini Reader – AST9053

ASTUTO   FREEDOM   RAPID

• FOX NUMBER [IF KNOWN]   _____

• QTY: _____

• PROJECT/SITE NAME: _____

PROVIDE EXTRA DETAILS IF REQUIRED

_____

_____

ASTUTO Keypad Reader – AST9055

ASTUTO   FREEDOM   RAPID

• FOX NUMBER [IF KNOWN]   _____

• QTY: _____

• PROJECT/SITE NAME: _____

PROVIDE EXTRA DETAILS IF REQUIRED

_____

_____

ORDER FORM - CREDENTIAL

ASTISOCARD	ASTUTO	FREEDOM	RAPID
ASTGEMTAG	ASTUTO	FREEDOM	RAPID
ASTDISC	ASTUTO	FREEDOM	RAPID
ASTBLE	ASTUTO	FREEDOM	RAPID
ASTDUOCARD	ASTUTO	FREEDOM	
ASTGELTAG	ASTUTO	FREEDOM	

- SITE CODE: _____
- PREFIX [IF KNOWN]: _____
- NUMBER RANGE: _____
- QTY: _____
- PROJECT/SITE NAME: _____

PROVIDE EXTRA DETAILS IF REQUIRED

_____

_____

ORDER FORM KIT

B6

QTY: _____

FREEDOM

QTY: _____

ANYPANEL

QTY: _____

Project Site:

Date:

OBSERVATIONS

Project Site:

Date:

OBSERVATIONS

ASTUTO

Limited lifetime warranty on all Astuto products