ASTUTO

RAPID FLEX

RAPID AND FLEX CREDENTIALS

Astuto RAPID and FLEX smart credentials offer modern, secure when compare to legacy 125kHz frequency technology, built to meet the evolving needs of today's access control environments.

RAPID credentials are site-specific, factory-programmed with unique encryption keys. While maintaining a superior read range ensures RAPID and efficient authentication, it also delivering a tightly controlled, high-security solution for environments where credential data protection are essential.

FLEX, on the other hand, offers an open-format, non-site-specific solution — ideal for rapid deployment, simplified ordering, and off-the-shelf availability. It delivers the same strong encryption and data protection, making it a reliable choice for fast, flexible access control needs.

RAPID and FLEX credentials use secure, industry-standard encryption to safeguard communication between the card and reader — reduces the risk of data compromise or card duplication.
Astuto ISO cards meet international thickness standards, ensuring compatibility with direct image and thermal transfer printers.

TECHNICAL SPECIFICATIONS

Part Numbers	ASTRAPIDCARD ASTFLEXCARD	ASTRAPIDTAG ASTFLEXTAG	ASTRAPIDDISC ASTFLEXDISC	ASTBLE
Encryption	SL1	SL1	SL1	256-bit
Dimensions	85.7 mm x 54.0 mm x 0.8 mm	42.1 mm x 36.1 mm x 6.3 mm	18 mm x 1 mm	–
Frequency	13.56 MHz	13.56 MHz	13.56 MHz	2.4GHz
Read Range *	Up to 5 cm	Up to 5 cm	Up to 3 cm	Up to 12 m
Slot Punch	Marking only	–	–	–
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	Min. 100,000 reads	Min. 100,000 reads	Min. 100,000 reads	–
Colours	White	White	White	–
Warranty	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime

* dependant upon installation conditions

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