ASTUTO

SMART CREDENTIALS

Astuto smart credentials was specifically designed to make access control more powerful, more versatile, and more 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 specific needs.

All data transmission between the card and reader is encrypted using a secure algorithm. By using industry standard encryption techniques, Astuto reduces the risk of compromised data or duplicated cards.

The Astuto ISO Card meets ISO thickness standards for use with direct image and thermal transfer printers.

TECHNICAL SPECIFICATIONS

Part Numbers	ASTISOCARD	ASTGELTAG	ASTDISC	ASTBLE
Encryption	128-bit AES	128-bit AES	128-bit AES	256-bit GOST
Dimensions	85.7 mm x 54.0 mm x 0.8 mm	50 mm x 30 mm x 4 mm	23 mm x 1 mm	-
Frequency	13.56 MHz	13.56 MHz	13.56MHz	2.4GHz
Read Range *	Up to 5 cm	Up to 2 cm	Up to 2 cm	Up to 12 m
Slot Punch	Vertical or horizontal optional	Key ring included	-	-
Storage & Operating Temperatures	-10° to 70° C	-20° to +80° C	-10° to 70° C	-
Material	PVC	PVC	PVC	QR Code
Printable	Yes	No	No	-
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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