

# ASTUTO

## RAPID

### PRE-PROGRAMMED & UNIVERSAL SMART CREDENTIALS

Astuto RAPID smart credential was specifically designed to make access control more powerful, more versatile, and more secure when compared with legacy 125kHz frequency technologies.

Astuto RAPID offers durable and reliable smart credentials with factory programming, including off-the-shelf encryption keys. With a high level of security plus the ability to provide rapid start to the project.

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

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

### TECHNICAL SPECIFICATIONS



Part Numbers	ASTISOCARD-R	ASTDISC-R	ASTGEMTAG-R	ASTBLE
<b>Encryption</b>	128-bit AES	128-bit AES	128-bit AES	256-bit
<b>Dimensions</b>	85.7 mm x 54.0 mm x 0.8 mm	23 mm x 1 mm	32mm x 55.5mm x 7mm	-
<b>Frequency</b>	13.56 MHz	13.56MHz	13.56MHz	2.4GHz
<b>Read Range *</b>	Up to 5 cm	Up to 2 cm	Up to 2 cm	Up to 12 m
<b>Slot Punch</b>	Vertical or horizontal optional	-	-	-
<b>Storage &amp; Operating Temperatures</b>	-10° to 70° C	-10° to 70° C	-20° to 50° C	-
<b>Material</b>	PVC	PVC	ABS	QR Code
<b>Printable</b>	Yes	No	Yes (number only)	-
<b>Endurance</b>	Min. 100,000 reads	Min. 100,000 reads	Min. 100,000 reads	-
<b>Colours</b>	White	White	White	-
<b>Warranty</b>	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime

\* dependant upon installation conditions