



# AUSTRALIAN TECHNOLOGY MANAGEMENT

## ATM Industry Solutions



## ATM Anti Skimming Device

Fits NCR 66XX/58XX/56XX, Diebold ix & Opteva & Wincor XE Series ATMs

Australian Technology Management has introduced an ATM Anti Skimming Device aimed at overcoming criminal ingenuity related to card 'skimming' and ATM fraud.



### Background

Despite the migration to chip and pin, the continued global use of magnetic stripe technology means that card skimming continues to thrive. In fact the European ATM Security Team (EAST) in April 2008 reported a 43% increase in skimming related ATM fraud losses. The challenge for banks and financial institutions is therefore to try and stay one step ahead.

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## General

The Anti Skimming Device for ATMs consists of the following:

- Control Module – the heart of the anti skimming device. Detects the presence of PIN recording cameras and provides additional ports and capabilities as new threats emerge. ie. Bluetooth, Wi Fi.
- Magnetic Field Detector – detects the presence of skimmers placed on the ATM fascia or front of card reader.
- Ultrasonic module – detects the presence of any abnormal protrusions along the front of the ATM fascia. Example – false keypad or keypad overlay.

The Anti Skimming technology allows for detection and reporting of ATM skimming hardware. Each is identified whilst reporting the status to the operator, ATM helpdesk or alarm monitoring centres.

Because the device is manufactured as an upgradeable unit, it allows for new threats as they emerge. A drilling sensor pad is available which sits behind the fascia below the card reader. This is to counter to the emerging trend by criminals to physically access the card reader via drilling through the fascia itself.

## Features

Flexible Controlled Detection. The device offers a number of alternatives in the way it can control its detection of any skimmers.

Once the Anti Skimming Device has detected a threat of more than 30 seconds (adjustable) the device will switch the ATM into supervisor or offline mode and will send a message to the ATM network, the ATM operator or the ATM alarm.

The ATM will remain offline or in supervisor mode whilst the threat is present and will automatically go on line or in-service when the threat is no longer present.

This feature eradicates the need for a first line or second line Engineer to visit the ATM.

- Easy on site installation, typically under 2 hours.
- Passive.
- Position independent. Install anywhere within the top hatch or safe.
- Independent of Card Reader. No tampering with any of the card reader hardware.
- Relay Output available to trigger desired physical response e.g. ATM shutdown

## Options

- Fascia monitoring via Ultra Sonic sensors to detect fake keypads or keypad overlays.
- Metal Detector for False card reader head detection
- Lebanese loop detection

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Next?

[Contact us](#) for a demonstration of the anti skimming device. As we have for many of our customers, we can also install one or many of our devices for evaluation, whether it be in a controlled environment or within a transacting ATM in the general public.



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