

DATASHEET

Active DIP Kit (ADK)

TMD Security's Active Dip Kit (ADK) is a revolutionary industry breakthrough in anti-skimming for DIP card readers. Active skimming protection for DIP has never been done before.

Unlike all other industry anti-skimming solutions for DIP card readers, ADK does not rely on the detection of a skimming device. The jamming signal is always on, continuously protecting the data on the magnetic stripe without affecting the performance of the DIP card reader.

Active DIP Kit:

“The only active skimming protection for ATMs with DIP card readers.”

Game-changing anti-skimming technology for DIP

The design and functionality of DIP card readers brings challenges for jamming technology. A constant jamming signal, such as that used with a motorized card reader, would interfere with a DIP card transaction. This is why up until now, in ATMs with DIP card readers, the jamming signal of all anti-skimming solutions was only activated once sensors in the card reader area detected the presence of a fraudulent device, and the ATM would need to be taken out of service.

However skimming devices are getting smaller and more sophisticated. Even the best detection technology is not a completely reliable means of defence. And taking the ATM out of service, for any reason, even security, is to be avoided if possible. That is why TMD developed ADK.

Continuous active protection for DIP

The unique design of ADK delivers continuous, active protection against digital, analogue and stereo overlay and throat inlay skimming devices, without relying on the detection of a fraudulent device to trigger the jamming signal.

Optimum security

ADK is driven by TMD's Card Protection Kit technology and has the same proven security as TMD's solutions for motorized card readers. ADK comes with a unique bezel which has integrated multiple jammers that are always actively protecting the card data.

Maximum ATM availability

Since the jamming signals are constantly active, without affecting normal transactions, the ATM can safely remain in service with no impact on cardholder convenience.

Available for range of ATM models

ADK is available for a range of ATMs and SSTs with DIP card readers and has been specifically designed for each model for ease of installation and maximum security.

Real-time protection against physical attacks

Tilt and Vibration Kit (TVK) is integrated inside ADK for real time protection against physical attacks in the area of the card reader. If a criminal attempts to cut or drill a hole an alert is generated and the ATM can be taken out of service until the ATM has been inspected.

Information on suspected skimming attacks

Metal Detection Kit (MDK) is an informational tool integrated inside ADK that generates a message if a skimming device is detected. Sensors inside MDK detect the metal component of the read-head on the skimming device. However the ATM safely stays in service during a skimming attack because the ADK jamming signals continuously protect the card data on the magnetic stripe.

Complementary security

For best practice fraud prevention, the ADK can be used with Card Protection Plate to protect against deep insert skimming.

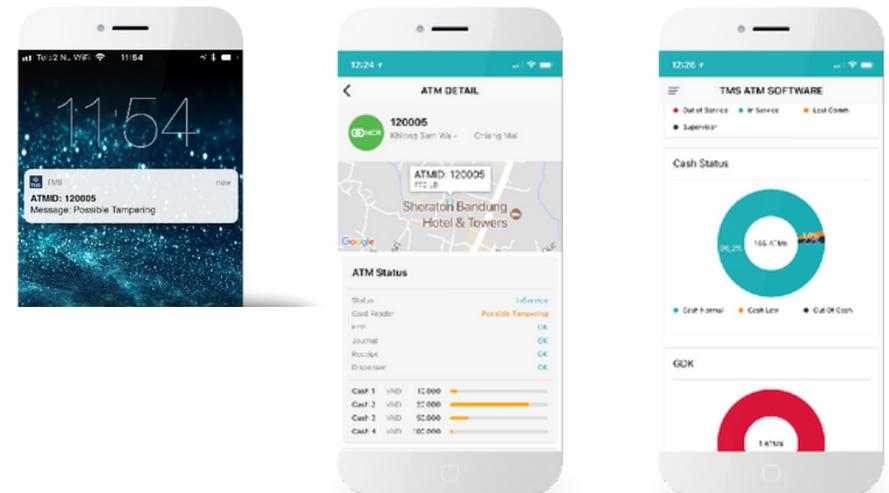
Multi-vendor

TMD Security solutions are multi-vendor, available for integration into any ATM or self-service terminal.

Our close partnerships with the world's major ATM and self-service terminal manufacturers mean that we design security technology that is optimized for each ATM or SST model type.

Remote monitoring and fraud management

With Security Kit Monitoring, the built-in intelligence and state-of health diagnostics of ADK can be remotely managed from a central console within the bank's secure network. Instant alerts and information are sent via email, SMS and mobile app. This results in fast response to potential risks with minimum impact on ATM availability.



Overview alert:
location, type, history

Mobile notification of
a specific ATM event

Kit bezel examples



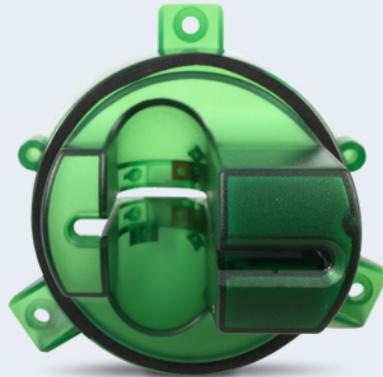
ADK Diebold Opteva



ADK Wincor



ADK Hyosung



ADK NCR SelfServ



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Features and benefits summary

Revolutionary industry breakthrough in active anti-skimming for DIP card readers

Continuous jamming signal protects the card data on entry and exit – just like motorized

No dependency on detection to trigger the multiple jamming signals

Multiple jammers protect against digital, analogue and stereo skimming devices

Self-defense from physical attacks with integrated Tilt and Vibration Kit

No negative impact on DIP card reader transaction performance

Real-time management and monitoring with Security Management Software

Real-time information on suspected skimming attacks with Metal Detection Kit

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