

Anti-Skimming Protection for Your ATM

Flexible protection for dip and motorized card readers

Protect your ATM card readers against fraud

ATM crimes are constantly evolving and card skimming remains a major problem for banks and for credit unions. Card skimming, the most frequent form of attack on ATMs, results in significant losses each year due to fraud and investigative costs, not to mention the damage inflicted upon your financial institution's reputation and loss of consumer confidence.

To combat skimming attempts, Cummins Allison protects its motorized and dip card readers with the following built-in anti-skim features:

Jamming

When a skimming device is detected, the card reader generates an electromagnetic field to prevent the skimming device from reading a customer's card information. The distance and strength of the electromagnetic field is designed to interfere with the skimming device operation, but not affect the normal operation of the ATM.

Metal detection

A built-in metal detector monitors for a metallic object attached to the bezel. If a skimming device is detected, the ATM is taken out of service until the threat is removed. Once the threat is removed, the ATM will return to service without any interaction and eliminating the need for a service call.

Jitter motion

The motorized card reader brings the card in through an irregular stop-start "jitter" motion. If a skimming device has been placed on a motorized card reader at the ATM, this motion distorts the magnetic strip information on the card making the copied information unusable by the skimmer.

Eliminate vulnerabilities with these additional motorized card reader features

Card trapping

The card reader is equipped with sensors which detect unusual problems with the insertion of a card into the ATM.



If the device has been manipulated for a card trapping attack, an internal lock mechanism clamps the card and holds it in the reader, protecting the inserted card from getting into the perpetrator's hand after the transaction is complete.

Unique shutter design

A unique 'r' shape design further enhances the card reader and shutter from being forced open. Also, the shutter's unique detection function allows only bank cards to be inserted into the card entry slot. If an item inserted does not meet the standard bank card width or magnetic features, the card reader will not accept the item and will return it to the user.

Unique sensors and bezel design

The physical shape of the card reader and fascia effectively prevents perpetrators from attaching a card skimming device around the ATM card reader or applying a false front. If tampering occurs and the detection sensor is covered or compromised, the ATM will be taken out of service.

Continuous, active protection means that skimming attacks and the costs associated with them are avoided.

Card readers at a glance

Anti-skim feature	Anti-skim dip card reader	Motorized card reader
Jamming	✓	✓
Metal detection	✓	✓
Jitter motion		✓
Unique design, sensors and bezel		✓
Card trapping		✓



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Generations of Vision and Excellence

Cummins Allison sets the standard for accuracy and dependability.

Cummins Allison is a global leader in developing solutions that quickly and efficiently count, sort and authenticate currency, checks and coin. We also offer a complete line of full-function automated teller machines (ATMs). Our leadership in technology and product innovation spans more than 125 years. Cummins Allison serves the majority of financial institutions worldwide, as well as leading organizations in retail, gaming, law enforcement and government. Ninety-seven percent of our customers would recommend our products and services.

The company holds more than 350 patents and invests double the industry average in R&D. Our world-class sales and service network includes hundreds of local representatives in more than 50 offices in North America, wholly-owned subsidiaries in Canada, the United Kingdom, Germany, France, Ireland and Australia and is represented in more than 70 countries around the world.