



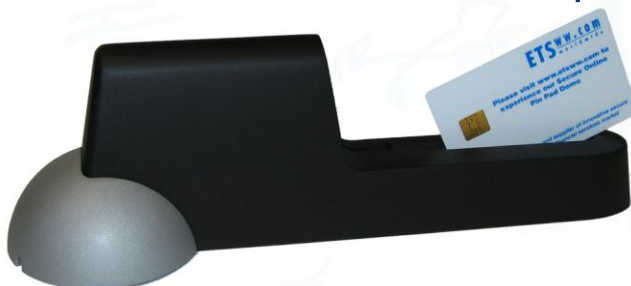
eKrypto™ Technology For:

- Secure
 - PCI Chip & PIN Verification
 - PIN Code Entry
 - Access Control
 - Tamper Responsive
- Web-Enabled Devices
- Banking & Retail Applications
- Windows USB Serial Plug & Play Compliant (for easy installation)

The eKrypto™ range of Standalone PCI Compliant Card Readers are designed to connect directly to the eKrypto™ PIN Pad family, allowing for the card reader to be placed on the teller counter while the customer enters the PIN on the connected PIN Pad all in a secure PCI compliant environment. This approach allows the teller to enter the card rather than the customer leading to faster queues while the teller will also have the option to retain the card if necessary.

The eKrypto™ range of Standalone PCI Card Readers features three different models; the eKrypto™ PCI Swipe & Park Reader Horizontal, eKrypto™ PCI Swipe & Park Reader Vertical and the eKrypto™ PCI Smart Card Reader. These readers are designed to meet the very latest PCI POS PED Standard for both Offline and Online Chip & PIN verification including tamper responsive requirements. All of the PCI Card Readers have a direct connection to the eKrypto™ range of PIN Pads.

The eKrypto™ PCI Card Readers are remotely programmable and support secure remote key loading for greater security plus maintenance convenience and savings. J/XFS & XFS Middleware drivers and EMV2000 Level 2 Kernel available on request.



Technical Specification

SCR READER

8 contacts, 500,000 insertions
Standard ISO 7816 Chip Card Interface
1v8, 3v3 & 5v Chip Card Support
EMV2000 Approved

MCR READER

3 Track
1,000,000 passes dual track
PCI Compliant

OPERATING TEMP

0°C to 50°C

PC INTERFACE

USB
Windows PnP compatible

HOST CABLE & POWER SUPPLY

Single straight 2 meter long type for Bus powered USB port

OPERATING SYSTEM

eKrypto™ OS

STANDARDS

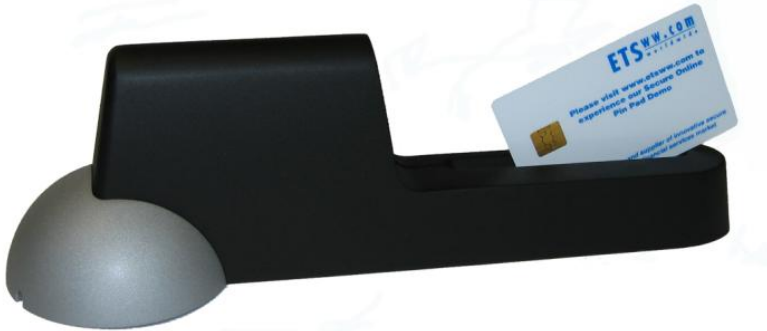
ISO 7816 SCR
EMV2000 Level 1 & 2 Approved
ISO 7811 MCR
EN60950/IEC950/
UL 1950 Safety
ISO 9995 Ergonomics
ISO 9241 part 4 Ergonomics
FCC part 15 EMI Emissions
EN55022 B RF Emissions
EN55024 RF Immunity
CE / CB

Doc Rev 1.3



eKrypto™ Standalone PCI Card Readers

eKrypto™ PCI Swipe & Park Reader (Horizontal)



The eKrypto™ PCI Swipe & Park Reader Horizontal has an integrated combined hybrid ISO 7816 & EMV2000 approved Smart Card Reader (SCR) & 3 Track Magnetic Card Reader (MCR) in a Swipe & Park format for convenience. The hybrid reader approach is very effective for speeding up transaction times when both Smart and Magnetic Cards are still in circulation.

eKrypto™ PCI Swipe & Park Reader (Vertical)

The eKrypto™ PCI Swipe & Park Reader Vertical has an integrated combined hybrid ISO 7816 & EMV2000 approved Smart Card Reader (SCR) & 3 Track Magnetic Card Reader (MCR) in a standalone vertical housing for compactness and convenience that complies with the latest PCI standard. The hybrid reader approach is very effective for speeding up transaction times when both Smart and Magnetic Cards are still in circulation.



eKrypto™ PCI Smart Card Reader

The eKrypto™ PCI Smart Card Reader is a standalone ISO 7816 & EMV2000 approved Smart Card Reader (SCR) that complies with the latest PCI standard. This compact vertical entry ergonomically designed smart card reader is ideal where only Smart Card reading is required.

eKrypto™ Payment PIN Pad



Future Proof

The eKrypto™ PCI Card Reader range meets the very latest hardware security standards and has completely remote programmable firmware. Readers also support remote key loading for increased security.

All eKrypto™ PCI Card Readers are designed to be securely connected to eKrypto™ Payment PIN Pads for transaction hardware flexibility.

Electronic Trade Solutions the Designer and Supplier of Innovative Secure Data Entry Solutions for the Financial Services Market