



MC-250

Biometric Smart Card Reader



The CLX-MC-250 is a combined fingerprint and smart card reader that offers a secure and privacy-enhanced biometric architecture. Supporting the ANSI 378 template standard, it is designed to fully comply with US governmental requirements for HSPD-12 and PIV. Used together with Match-on-Card technology, you are able to offer increased security and preserve user privacy in any authentication solution.

In PIV implementations, the CLX-MC-250, in combination with Match-on-Card function not only meets, but exceeds the interoperability and standard requirements for fingerprint verification devices. By processing biometric matching and smart card functionality within the sealed environment of the reader, there is no need to transfer sensitive information to a computer or back-end system. Thereby, the vulnerability of fingerprints being stored and matched in central databases or external servers is eliminated. With a robust and user-friendly design, this reader is durable and ideal for high transaction volume and public usage areas.

Key Features

- Combination fingerprint and smart card reader for two-factor authentication
- Design approved by US government specifications for HSPD-12 and PIV
- Secure architecture - no sensitive or personal information leaves the device or the card
- Fully supported by CardLogix Wimplex® middleware
- Optimized for Match-on-Card fingerprint



Technical Data

Power Consumption	<ul style="list-style-type: none"> Standby: 0,5 mA Normal: 50 mA Max: 220 mA
Operating Temperature Range	<ul style="list-style-type: none"> 0-50° C / +32-120° F
User Interface	<ul style="list-style-type: none"> USB 1.1/2.0 (full-speed) compliant
Drivers	<ul style="list-style-type: none"> Windows XP, Vista, and 7
Functional Approvals	<ul style="list-style-type: none"> FCC Class B part 15 and CE certified Microsoft WHQL 2000 ISO 9000/1 and ISO 14001 production certified USB Chip/Smart Card Interface Devices (USB CCID) compliant
Environmental Approvals	<ul style="list-style-type: none"> RoHS, WEEE
Biometric Reader	<ul style="list-style-type: none"> Complies with HSPD-12 and PIV specifications (Single Fingerprint Capture Devices) Image processing is performed within the device or smart card Large area (12.8 x 18.0 mm / approx. ½ x ¾ in) silicon sensor for maximum ease of use 500 dpi sensor resolution - UPEK TCS1
Smart Card Reader	<ul style="list-style-type: none"> Smart card reader ISO/IEC 7816 T=0 and T=1, 3V and 5V cards supported Support for up to 8 MHz smart cards Up to 250 kbit/s communication speed

