CROSSMATCH® TECHNOLOGIES

Authenticator

The Cross Match Authenticator document reader is the first choice in secure, flexible, and intuitive document scanning. Ideal for high volume applications where speed and efficiency is critical, the Authenticator delivers the performance and security necessary.

Designed to integrate seamlessly with the latest border control and reservation/check-in systems, Authenticator reads full page documents, contact cards, and contactless chips of eIDs. Capturing images under white, infrared, and ultraviolet light, the scanner incorporates ambient light compensation and image positioning software to deliver the highest quality image capture in any environment, with minimal operator effort. This intuitive design improves operator performance while reducing the need for training.

The Authenticator is well suited for high-volume, 24/7 operation applications such as border control screening. Increasing volumes and heightened security concerns create challenges when trying to accurately and efficiently identify travelers. With a rapid image capture of less than 1.5 seconds and 500 ppi and 24 bit color for superior fraud protection, the Authenticator swiftly scans and processes credentials with minimal user interaction. Its small footprint supports easy integration into existing checkpoint infrastructure.

Applications

- Border Control Screening
- Hospitality Reservation/Check-in
- Car Rental Check-in
- Healthcare Insurance Validation
- Employment Applicant Verification

Benefits:

- Document guides credential into the appropriate reading position
- Flex Detection allows document placement in any direction on platen
- Smart Detection enables use under any ambient light conditions
- Glare Reduction removes reflection from Vis and IR images
- Mounting points for kiosk integration

Authenticator

Specifications

Resolution	500 ppi
Sensor	5MP CMOS RGB 24bit Color
Illumination	White, UV, IR LEDs
Image Type	RAW, BMP, JPG
Operating Systems	Windows 7, Windows XP
Dimensions	7.5" x 7" x 3.6" (190 mm x 178 mm x 92 mm)
Weight	2.4 lbs (1.1 kg)
Data Connection	High speed USB 2.0
External Interfaces	2 USB 2.0 Connections for external devices
Power Supply	Desktop wide-range power pack (AC 100 - 240 V, 50/60 Hz)
Document Support Field Size	5.4" x 3.8" (137 mm x 92 mm) (Document thickness is unlimited)
Active Scanning Area (WxD)	4.9" x 3.5" (125 mm x 88 mm)
Operating Temperature	+5°C - +45°C (45°F - 113°F)
Humidity	0 - 95% Relative humidity
IP Class	IP 43* (IP53 for Optical Channel) *when Mag Stripe & Smart Card reader slots are sealed with available caps

Optional Mag Stripe and Contact Card Readers

UBS 2.0 High Speed Connection

Electronic Reading Features

RFID Reader/Contactless Smart Card (optional)	Reading and writing contactless ICs according to: ISO 14443 Type A and B, All standardized rates up to 848 Kbps
Smart Card Reader (optional)	ISO 7816 Class A, AB and C, ISO 7816 & EMV2 2000 Lev
Mag Stripe Reader (optional)	Track 1, 2 and 3 stripes according to related ISO, ANSI and AAMVA standards
Reading Protocols	ICAO Doc 9303 chips with LDS 1.7, CAC Cards
Crypto Protocols	PA, AA, BAC EAC 1.2, SAC (PACE)

Removable Hood and Replaceable Document Platen

SDKs

D SCAN Essentials	Driver level, to control reader hardware
D SCAN Extensions	Provides MRZ, OCR, barcode and chip reading capability. Offers predefined workflows for multipe document types
D SCAN Master	Template-based document verification for optical security features
API	C++Interfaces for all SDKs, C# interfaces available for DSX and DSM

The Worldwide Standard in Biometric Identity Solutions

Corporate Headquarters:
Cross Match Technologies, Inc.
3950 RCA Boulevard, Suite 5001
Palm Beach Gardens, FL 33410, USA

www.crossmatch.com

20131003