

Combo SCAN

Fast ID data entry in an ultra compact format



KEY FEATURES

- >> Ultra compact size, stylish and ergonomic design, lay-on document scanning
- >> Full-page ID-1 and MRZ passport / visa scanner with automatic document detection
- >> High resolution 450 dpi LED based imaging under visible white and IR light
- >> Takes 1 to 2 seconds to complete a scan process
- >> Power and communication via a single USB connection
- >> OVD visualization and Reflection Removal (RR) technology helps OCR and verification

MAIN BENEFITS

- ✔ Saves 3 to 4 minutes per customer vs. manual data input
- ✔ No more minors in age restricted areas like liquor or tobacco shops
- ✔ Helps detecting fake IDs, reduces data entry errors, increases corporate image
- ✔ High reliability, no moving parts and dust-proof IP53 optical module
- ✔ SDK ensures seamless integration with any existing governmental or commercial workflow



Hotel check-in



Casino / Gaming



Car rental



Retail shops



Mobile operators

Combo SCAN datasheet

Ultra compact ID document scanning device with full-page ID-1 and half-page ID-3 scanning area

IMAGING

Active scan area	126mm x 55mm (4,96" x 2,17")
Illumination sources	Visible white, IR (B900) – both are LED based
Image resolution	500 dpi
Provided images	Visible, IR, OVD image, glare-free image (Reflection Removing function)
Image formats	BMP, JPG, JPG2000 and PNG

READING CAPABILITY

Automatic document detection	YES
MRZ reading	ICAO compliant documents per ICAO 9303 specification Parts 1-4 - Type ID-1, ID-2 and ID-3 MRZ Optical Character Recognition
VIZ reading	Available, based on user-defined fields
Barcode reading	1D: UPC-A, EAN8, EAN13, Code39, Code128 and ITF 2D: PDF 417, Data Matrix, QR Code, Aztec Code - From paper based documents and mobile devices - AAMVA compliant PDF417 two dimensional barcodes

SOFTWARE DEVELOPMENT KIT (SDK)

SDK available	YES, full SDK including DLLs and demo programs
Supported Operation Systems	32/64bit Windows® 7, Vista, XP (WHQL certified) 32/64bit Server 2008 R2 and Server 2003 Linux: optional, ask for details
Programming languages	C/ C++, C#, Visual Basic 6.0, Delphi, VB.NET, Java
General interfaces	Twain

MECHANICAL AND OTHER DATA

Size (width x depth x height)	152mm x 130mm x 82mm (5.98" x 5.12" x 3.23")
Weight	0.6 kg (1.32 lb)
Operating temperature	+5°C to +45°C (45°F to 113°F)
Operating humidity	0-95% (non-condensing)
Case	Highly durable ABS-PC plastic
IP rate	IP53
Maintenance	No moving parts, maintenance-free operation
Security	Kensington® security slot
User interface	Three status LEDs (yellow, red, green)
PC interface	USB2.0 high speed
Power supply	Powered from USB, no external power supply is required

ADVANCED DOCUMENT AUTHENTICATION MODULE (ADAM)

MRZ checksum validation
MRZ comparing to VIZ (optional)
Expiry date check, B900 ink check
Automatic pattern matching under Normal and IR light (optional)

* Technical specifications are subject to change without prior notice

