

COMBO SMART N

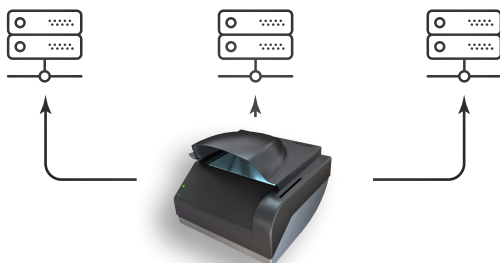
INTELLIGENT PASSPORT READER

All-in-one document reader and verification terminal

Sometimes installing drivers and running an application on the client's computer is not possible. This is when Combo Smart N is the ideal solution. When you need a passport reader with built-in, high-performance processing and network connection. Combo Smart N inspects, authenticates and captures data from any form of travel- and electronic identity documents and transfers data directly to the Cloud or other virtual computing environments.

Combo Smart N can connect to any mobile device, phone or tablet. It provides direct connection with Software as a Service (SaaS) applications.

Combo Smart N is capable to perform a full spectrum authentication and data reading tasks. Ready for the Cloud, it is designed for use in demanding scenarios like border management, banking, hospitality, travel and any other applications where there is a need for accurate and reliable document reading and verification.



BORDER
CONTROL



QUALITY
ASSURANCE



LAW
ENFORCEMENT



BANKING



HOTEL
CHECK-IN



MOBILE
OPERATORS

Main benefits

- Accurate data entry and document verification
- Lower development and lifetime IT costs
- Accessible from mobile devices, network connection
- Be compliant to privacy and security regulations
- Stylish look that fit to any customer-faced service desks

Specifications

• embedded processing • Wi-Fi/Ethernet connection • versatile upload protocols • true color, high-quality images • single step reading of printed & RFID data • direct connection to SaaS and back-end applications • supports thin client environments

Imaging

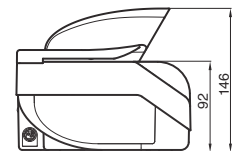
Active Scan Area	125 mm × 88 mm (4.92" × 3.46")
Illumination Sources	LED visible white, IR (B900), UVA)
Image Resolution	500 PPI
Provided Images	Visible, IR, UV (UVA), OVD image, glare-free image
Image Formats	BMP, JPG, JPG2000 and PNG
Image Color Depth	24 bits/pixels [RGB, 8 bits/pixels (IR image)]

Imaging / Reading functions

Automatic Document Detection (ADD)	YES
Reflection Removal (RR)	YES
Adaptive Light Control	YES
ICAO MRZ Reading	ICAO compliant documents per ICAO 9303 specification Part 1, Part 1 _{v2} , Part 2, Part 3 and Part 3 _{v2} for Type ID-1, ID-2 and ID-3 MRZ Optical Character Recognition
VIZ Reading	Available with ARH VIZ OCR software
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 and IATA BCBP
Contactless IC (RFID)	Reading contactless ICs according to: ISO 14443 Type A & B, all standardized rates up to 848 Kbps
Authentication checks	printed vs. digital data comparison

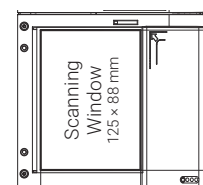
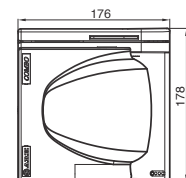
Communication

Connection type	WIFI, Ethernet
Upload protocols	FTP, SFTP, FTPS, SMTP, WS, WSS
Web interface access	via Firefox, Chrome, IE11, Safari on all operating systems



Mechanical and Other Data

Size (width × depth × height)	178 mm × 176 mm × 146 mm (7.01" × 6.93" × 5.75")
Weight	1.15 kg (2.54 lbs)
Operating Temperature	5 °C to 45 °C (45 °F to 113 °F)
Operating Humidity	0-95 % (non-condensing)
Power supply	universal 100-240V AC, 50/60Hz
Case	Sturdy ABS-PC plastic and metal
Status indicators	Four programmable status LEDs (blue, green, yellow, red)
Security	Kensington® security slot
Window glass	4 mm (0.16") tempered glass
Compliances	FCC, CE, WEEE, RoHS
Maintenance	No moving parts, maintenance-free operation
Firmware Upgrade	via Web interface
Warranty	3-year warranty, upgradeable



Technical specifications are subject to change without prior notice. This document does not constitute an offer.