

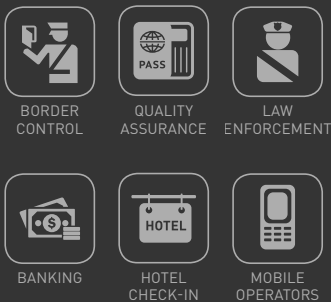
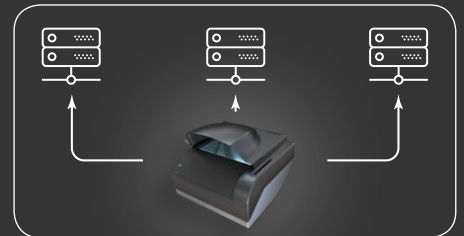
COMBO SMART N

STANDALONE PASSPORT SCANNER
WITH NETWORK CONNECTIVITY AND WEB INTERFACE



ALL-IN-ONE DOCUMENT READER AND VERIFICATION TERMINAL

Combo Smart N (N is short for Network), is an all-in-one ID verification terminal with onboard processing system producing ready-to-use data. Unlike other ID readers that need a local PC connection, it performs every task on its own. This standalone device reads all ID information without a PC or laptop and works perfectly with thin clients. In fact, it is compatible with any kind of environment, making it platform independent. Like an IP security camera, it can be accessed via smartphones, tablets – displaying real time results. Similar to Combo Smart, except its ability to read smart card chips, the reader is able to perform full spectrum authentication and data reading tasks.



MAIN BENEFITS

- ID data presented in an easily accessible format
- Environment-independent solution for any ID reading purpose
- Thin client support
- Immediate data transfer to selected location
- Solution for high-security IT systems – no installation required
- Supports duplex scanning

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SPECIFICATIONS

COMBO SMART N

onboard ID processing • Wi-Fi/Ethernet • web access • push/pull WebSocket • requires no PC

IMAGING

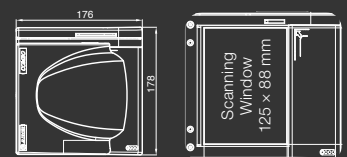
| | |
|----------------------|----------------------------------------------------|
| Active Scan Area | 125 mm × 88 mm (4.92" × 3.46") |
| Illumination Sources | LED visible white, IR (B900), UVA) |
| Image Resolution | 500 PPI |
| Provided Images | Visible, IR, UV (UVA), OVD image, glare-free image |
| 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, 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 and IATA BCBP |
| Contactless IC (RFID) Option | Reading and writing contactless ICs according to: ISO 14443 Type A & B, All standardized rates up to 848 Kbps |
| RFID functions | ICAO Doc. 9303 LDS 1.7, ISO 18013 (Driver License) PKI 1.1, BAC, EAC, EAC2.0, PACE, PACE-CAM, AA, PA, TA, CA, BAP, EAP |
| Contact Smart Card Option | Available as optional accessory for storing digital content for RFID reading |
| Authentication checks (included in standard SDK) | Track 1, 2 and 3 stripes according to related ISO, ANSI and AAMVA standards |
| Additional Authentication Options (available as optional SDK) | ISO 7816 Class A, AB and C, ISO 7816 & EMV2 2000 Level 1 |

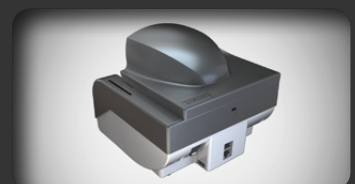
COMMUNICATION

| | |
|----------------------|------------------------------------------------------------------|
| Connection type | WIFI, Ethernet |
| Upload protocols | FTP, SFTP, FTPS, SMTP, WS, WSS |
| Web interface access | via Firefox, Chrome, IE11, Edge, 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 | 1.1 kg (2.43 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 |
| IP rate | IP51 |
| Case | Sturdy ABS-PC plastic |
| Status indicators | Four configurable 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.



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