



VISOTEC® EXPERT 600

Reading device for verifying ID documents

ID documents contain increasingly complex optical security features as well as integrated electronic chips which can only be checked using machines. VISOTEC® Expert 600 supports the verification of documents like these. Optical and electronic security features are read out and passed on to analysis software. User-friendly design combined with robust materials ensures that this device is extremely practical in day-to-day use.

Advantages at a glance:

- > Simple and user-friendly operation
- > Robust, maintenance-free components
- > Electronic security features are read out irrespective of where they are located in the document
- > Excellent test results for optical security features thanks to reflection-free images
- > Constant verification quality thanks to LED lights
- > Very thick, bound passports, as well as extra-large passports can be read
- > Smart card chips can be read

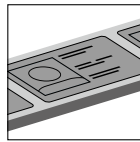
BUNDESDRUCKEREI – SYSTEM PORTFOLIO



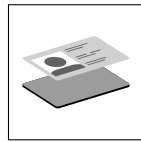
Enrolment



Administration



Document



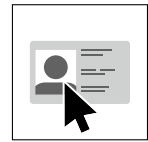
Personalisation



Issuance



Verification



eServices

APPLICATIONS

- > Public sector: border police, other police authorities, etc.
- > Private sector: everywhere where ID documents have to be checked, e. g. banks, telephone shops, car rentals, etc.

SUPPORTED APPLICATIONS

- > VISOCORE® Inspect
- > VISOCORE® Verify

SYSTEM REQUIREMENTS

- > PC or notebook with Windows XP, Vista or Windows 7
- > CPU – 1.6 GHz, 1GB RAM, 1 GB hard disk min.
- > USB 2.0 high-speed connection
- > Document verification software, e. g. VISOCORE® Inspect or Verify

PROPERTIES

- > Images of documents are taken under IR light, white light, UV light, etc.
- > High-quality, reflection-free images
- > High-resolution colour camera
- > The clip-on design means that documents are held in place during processing leaving both hands free for other activities

- > Maintenance-free components
- > Robust materials
- > Scratch-resistant glass panel
- > Waterproof and dustproof optical unit (IP64 protection)
- > USB socket for one more device, e. g. fingerprint sensor
- > Easy-to-reach smart card reader on the front of the device
- > RFID chip data read out according to the ICAO/ISO standard (ISO 14443, Type A and B) with up to 848 kbps depending on the document chip
- > Dual antenna system for reading the chip which can be located anywhere in the document
- > Enables all current electronic security methods:
 - > Basic Access Control and Secure Messaging
 - > Extended Access Control
 - > Passive Authentication
 - > Active Authentication
- > Device properties:
 - > Height: 18cm, width: 22cm, depth: 29cm
 - > Weight: 2.8kg
 - > CE and RoHS compliant
 - > Certified according to BSI TR-03105
 - > Mains voltage 100–240 VAC ± 10%