▶ VISOTEC® MOBILE 100

READING DEVICE FOR MOBILE VERIFICATION OF DOCUMENTS AND IDENTITIES

▶ Mobility is a decisive factor in protection against identity fraud. This was why Bundesdruckerei has developed the VISOTEC® Mobile 100 reading and verification device; a handy, robust device that is perfectly designed for mobile use and specifically tailored to meet the needs of police, border and customs authorities. VISOTEC Mobile 100 can be used to quickly and reliably verify individuals and ICAO-compliant documents. An integrated fingerprint sensor enables doubt-free matching of the document and document holder. ◀

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BUNDES DRUCKEREI

Enrolment | Administration | Documents | Personalisation | Issuance | **Verification** | eTools & Mechanisms

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Applications

- Police authorities: mobile verification of ID and travel documents including wanted-list queries, searches in an external hooligan watchlist
- Border control: mobile checking of passports and other ICAO-compliant ID documents, verification of fingerprint data
- Customs authorities: mobile checking of internationally valid ID documents

Advantages

- Fast, reliable verification of individuals and ICAO-compliant documents – independent of stationary control points
- Additional information – for instance, wanted-list queries – provides support for on-site decisions during mobile use
- The elimination of errands increases control throughput. Flexible deployment structures are made easier for the police and border control authorities
- Comprehensive checking: MRZ documents, fingerprints, electronic documents and wanted-list queries
- Clear identification by comparing with fingerprints
- Fast data communication with UMTS and WLAN
- Localisation of the device with GPS

Properties

- Mobile reading and verification device with a fingerprint sensor for ICAO-compliant documents, such as ID cards and passports in ID1, ID2 and ID3 format
- Visualisation of the biographical and biometric data stored in the chip (facial and fingerprint images)
- Capture and comparison of fingerprints with the data stored in the chip
  - NIST-certified, capacitive fingerprint sensor (FIPS 201)
  - Optional: optical fingerprint sensor
- Integrated MRZ, RFID and card reader
- High-speed data communication
- Wireless communication:
  - Mobile networks: GSM/GPRS, UMTS
  - WLAN
  - Bluetooth
- Device properties:
  - Ergonomic, robust, handy device
  - Resistant to dust and water splashes pursuant to IP 54
  - CE-compliant
  - RoHS-compliant
- Security methods supported:
  - Basic Access Control (BAC)
  - Extended Access Control (EAC)
  - Passive & Active Authentication
- Options:
  - Different device variants with GPS for satellite-based position finding, with optical or capacitive fingerprint sensor, fast data communication (WLAN, UMTS), Bluetooth and camera
  - Adaptation of functionality with a view to customer-specific and country-specific requirements

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