

VDR-H



VDR-H Handheld Document Reader

Document Description

Vlatacom's ID verification portfolio includes a handheld station for inspecting machine-readable ID cards, e-Passports, and visas, and for biometric verification of their holders.

This device can be used as a standalone unit, or it can be linked by a wireless connection to the national border entry control system.

With the help of this technology, verification of identity and travel documents can be quickly and reliably carried out on buses and trains. Identity checks can be performed by border control police officers even before the passengers arrive at the checkpoint. These devices can also be used for to verify the identity of persons possessing machine-readable IDs at traffic stops and routine checks.

Main Characteristics

- Full page document reading and image capture with visible, infrared and ultraviolet illumination, simultaneous with contactless chip data capture
- Retrieval of information stored in the Machine Readable Zone (MRZ) and on the chip embedded in the ID documents (both contact and contactless)
- ICAO LDS data extraction with BAC, EAC, and Passive and Active Authentication
- 1D/2D PDF417 barcode decoding (optional)
- Display of retrieved data on a 5" WVGA touch screen
- Automatic detection of document placement and document type
- Fingerprint capture at a resolution of 500 dpi
- Matching of live-scanned fingerprints and authentication with the data stored on the document (optional)
- Cryptographic protection using Security Access Module (SAM) cards (optional)
- Upload/download of data to or from a desktop computer
- Standalone and wireless network operation modes
- Optional wireless communication interfaces: Wi-Fi 802.11g/n, Bluetooth, GSM/GPRS/EDGE/HSDPA and WiMAX
- Battery autonomy is a full 8 hour shift in normal operation (2 hours of intensive use)





Market

The VDR-H handheld document reader is the perfect solution for use at any place where fast and secure identity and travel document checks must be performed.

The most notable examples of VDR-H end users are border control and immigration authorities, law enforcement agencies, hotels, casinos, and banks.

Applications

- Fast and secure identity and travel document verification featuring unique triple illumination and simultaneous contactless chip reading
- On the move identity and travel document verification on buses and trains, at seaports, airports, traffic stops, and routine checks
- An efficient solution for long queues at airports
- Fulfills all ICAO recommendations and the latest international travel document standards

Advantages

VDR-H is the world's first handheld, one step, full-page document reader featuring visible, IR, and UV illumination. The advantages of this system become even more clear in situations when many ID document holders have to be checked in a small amount of time. Vlatacom's VDR-H significantly increases security and efficiency at check points. It was designed with ergonomics being a top priority in order to provide operators with a device that is easy to use and comfortable for all-day activity.



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