

PROJECTINA

SPECTRA

CHECK

ALL-IN-ONE MOBILE DOCUMENT EXAMINATION SYSTEM



projectina®

EASY-TO-USE, COMPACT DEVICE FOR:

- POLICE
- BORDER CONTROL
- GREEN BORDERS
- SEAPORTS
- AIRPORTS
- IMMIGRATION AUTHORITIES
- INSURANCE
- BANKING
- LEGAL OFFICES
- LOCAL GOVERNMENTS



14" 4K TOUCHSCREEN
WITH ANTI-GLARE GLASS, TILTABLE FOR OPTIMAL VIEWING ANGLE



COMPACT ALL-IN-ONE DEVICE
NO PC, MONITOR OR KEYBOARD REQUIRED



DEVICE FOR MOBILE USE IN CARS OR WITH OPTIONAL BATTERY BACKPACK



INSTANTLY READY TO USE AT THE TOUCH OF YOUR FINGER



DEVICE OPENS ON 3 SIDES FOR LARGER DOCUMENTS AND OBJECTS



ALL LED LIGHTING
15 INTEGRATED LIGHT SOURCES



MAGNIFICATION UP TO 240x



4 MP CAMERA WITH FAST RESPONDING AUTOFOCUS

INTEGRATED PASSPORT & ID READER
VISUAL, MRZ, RFID AND BARCODES



OPTIONAL AUTOMATED FACE RECOGNITION (PFV)



WIFI AND LAN CONNECTIVITY FOR REMOTE ACCESS



INTERFACES:
USB-C / DisplayPort,
3x USB 3.0, RJ45



AUTOMATED EXAMINATION ROUTINES WITH EASY CHECK AND EASY SCAN FUNCTIONS FOR FAST RESULTS



SOFTWARE FEATURES

With the **Spectra Check** software suite, examiners experience an easy-to-use interface for instant results. It provides all tools to easily reveal counterfeit and fraudulent documents such as:



and all this without the need for an external computer.

SOFTWARE FEATURES

ACQUISITION TOOLS

- Image capturing mode - capture high resolution images with one click
- Video capturing mode - capture high-quality video recordings
- Save images or videos to memory stick, intranet or cloud

COMPARISON TOOLS

- Comparison mode allows the examiner to compare a live image to a stored or reference image with a vertical or horizontal split line
- Compare in: Red/Green, Greyscale, Transparency-, and Chopping mode
- Save images of the comparison for reference and sharing

REPORTING TOOLS

- Comprehensive reporting tool with annotations and measurements
- Annotations and calibrated measurements can be applied directly to live and captured images

AUTOMATED EXAMINATION TOOLS

- Automated examination routines with Easy Check and Easy Scan functions for quick and easy results
- Automatic detection of IPI, ICI, eIPI, LS++ and latent images

ONLINE REFERENCE DATABASE

- Instant access to online reference database for IDs and Banknotes

INTEGRATED PASSPORT & ID READER

- Read Visual, MRZ, RFID and Barcodes
- Extended ICAO 9303 RFID Decoding, including BAC, PACE and EAC

AUTOMATED FACE RECOGNITION / MATCHING

- Effortlessly compare and verify a virtually unlimited number of images at the same time with absolute accuracy
- Compare live webcam images, saved images, Passport/ID card images and RFID images - all combinations are possible

TECHNICAL SPECIFICATIONS

POWER

MAIN UNIT:

Power Input: DC 12 V

Power Rating: 60 W

EXTERNAL POWER AC/DC SWITCHING ADAPTOR:

Input: 100 – 240 VAC, 50/60 Hz, 1.4 A

Output: DC 12 V, 8.5 A, 102 W max.

DIMENSIONS

Approximate Weight: 14 kg

Approximate Dimensions: 322 mm x 396 mm x 448 mm (W x D x H)

OPTICS

Magnification: up to 240x

Max Field of View: 222 mm x 125 mm

Camera: 4 MP

EMISSION FILTERS

6 filters 720 nm, 780 nm, 830 nm, 850 nm, IR CUT filter and UV CUT filter

LIGHTING

White Top

For general high resolution overview and document check, microtext

IR Top

Detection of invisible IR security features

Side Light White L+R, with freely adjustable angles

Visualization of printing technologies, surface structure, indentations and engraving

Side light IR L+R, with freely adjustable angles

For enhanced, colourless visualization of document topography

Halo Ringlight™ (16 LEDs)

Examination of OVD's, OVI's, Kinegrams and Holograms

FlexBand MSL™

Violet, Blue, Cyan, Green, Amber and Red LEDs, dimmable and selectable individually or create combinations

Enhanced, adjustable examination method to detect different inks and colors

Transmitted (Bottom) White

Examination of watermarks, see through registers and detection of mechanical erasure

Transmitted (Bottom) IR

Detection of hidden watermarks, metallic security threads, etc.

Transmitted (Bottom) UVA

Detection of UV fibres worked into security paper

UVA, UVB, UVC

Detection of UVA, UVB and UVC security features

Anti-Stokes

Live detection of anti-Stokes security features

Coaxial Light

Surface examination of Polycarbonates/Laminates (i.e. detect mechanical tampering)

LUMI

Examination of ink differentiation, chemical erasure, fluorescence reactions, etc.

