PROJECTINA

SPECTRA CHECK

ALL-IN-ONE MOBILE DOCUMENT EXAMINATION SYSTEM



projectina®

Global Source
EQUIP TO INNOVATE

EASY-TO-USE, COMPACT DEVICE FOR:

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



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: 15.7 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.

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