

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, Kinograms 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.

