

# INSPEC 8S

## THE REAL INSTRUMENT FOR 2ND LEVEL INSPECTION

The new INSPEC 8S has been specifically designed for second-level inspections at immigration checkpoints, banks, and police departments. With lateral openings, the INSPEC 8S is extremely easy to use and can be adapted to any user's skill level. The INSPEC 8S uses full HD resolution (1920 x 1080) and an image capture function on SD card.



TOP: PASSPORT SHOWING ANTI-STOKES INKS  
LEFT: PASSPORT UNDER UV 313 NM  
RIGHT: WATERMARK VISIBLE IN TRANSMITTED LIGHT

### INSPEC 8S FEATURES

<b>HD</b>	High-resolution 1920x1080 images
<b>EASY CAPTURE</b>	Image capture function on 2x 4GB SD card
<b>WIDE RANGE IR</b>	Visible alterations are easily examined under IR Luminescence and IR Absorption
<b>HIGH EFFICIENCY</b>	Up to 200 control settings can be stored and restored via internal memory and via USB stick
<b>VERSATILE</b>	Remote control with PIA-7

### THE INSPEC 8S CAN OPERATE AT THE FOLLOWING WAVELENGTHS

<b>UVA 365 NM</b>	Identification of counterfeit water marks, fluorescent UV security marks, colored fibers, etc.
<b>UVC 254 NM AND UVB 313 NM</b>	Fluorescence security marks at short-wave and mid-wave UV, with integrated security system
<b>IR LUMINESCENCE 50 W</b>	Viewing of distinguishing differences in inks or pencil leads, identification of primary and secondary entries (mechanical and chemical)
<b>INFRARED / WHITE LIGHT 2X 20 W</b>	Differences in inks or pencil leads with IR, ideal for examination of Guilloche, security printing inks, micro text, and latent image effects
<b>INFRARED BROAD-BAND ILLUMINATION</b>	Illumination for "anti-Stokes inks"
<b>FLAT LIGHT LED 3X3,5 W</b>	Viewing of mechanical erasures, embossed stamps, intaglio printing, and OVD/OVI latent image effects
<b>TRANSMITTED LIGHT 1X20 W AND UV 365 NM</b>	Identification of mechanical erasures, safeguarding threads, watermarks, perforations, and see-through registers
<b>VERTICAL SURFACE LIGHT (RETRO)</b>	Identification of retroreflective security marks, coins, and metallic surfaces
<b>LED ILLUMINATION</b>	OVD's

## TECHNICAL SPECIFICATIONS:

- Basic instrument with front control elements/keypad
- Button for image capture on SD card
- Full HD resolution IR color camera 1920 x1080
- Zoom objective 20x
- Magnification range with 24" monitor: up to 75x
- Excitation filter, blue-light 380-570nm
- Camera barrier filter: 610/665/715/780/850nm/Neutral
- DVI-monitor connection for direct live image on monitor
- SD card 1x 4GB
- USB live camera exit
- Sequencer providing five sequences for rapid automated document examination processes
- 11 integrated illumination systems
- Infrared broad-band illumination (for "anti-Stokes inks" examination 750 – 1000 nm), LED illumination (for OVD's)
- 2 x 9 Watt
- UV illumination 313 nm, 1 x 9 Watt
- Infrared broad-band illumination for "anti-Stokes inks" examination 750 – 1000 nm
- LED illumination for OVD's
- Remote control (via USB) through PIA-7 software

**DIMENSIONS:** 360x360x365mm (WxDxH)

**WEIGHT:** 12kg

**MAINS APPLIANCE:** 12V  
100-240V/50-60Hz

**POWER CONSUMPTION:** 60W

**OPERATION TEMPERATURE:** 5-60°C

## OPTIONS:

- PIA-7 forensic imaging software
- Pagscan Document reader



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