

Hs3B Forensic Magnifiers with Integrated Camera and Colour display



The **HS3B Forensic Magnifier** is a simple to use battery and mains operated magnifier with 7 integrated light sources for rapid authentication of ID cards, passports, currency and for visualising fingerprints. The magnifier has an integrated CMOS camera and 3 inch TFT screen for displaying the images. Images can be stored, compared and exported.

The magnifier can provide a simple tool for visually verifying:-

- Micro-print
- Alterations to documents
- Intaglio and embossed print
- UV security print in passports, ID cards and currency
- Anti-stokes security features
- Fingerprints

Integrated lighting:

- White LED light incident
- White LED light side lighting (oblique lighting)
- White LED light 90 degree inter crossed
- UVA 365 nm LED
- UVC 254 nm LED
- 980 nm laser (anti stokes)
- 470nm blue LED light

Key Features:

- Integrated 5 Mega Pixel CMOS Camera
- 3 inch high definition TFT-LCD screen
- Low distortion IR lens
- Bandpass filter for visible light
- Long pass filter for IR light
- Amplification factor x5, x60 and x100
- Field of view (zoom range) 21 x 15 to 10 x 7mm
- Integrated Rechargeable batteries for up to 2 hours use, rechargeable from UK plug or USB connection to PC/laptop
- Internal 4GB memory for saving images in JPEG format.
- USB2.0 connection for exporting images
- Size: 96mm (L) x 78 mm (W) x 92 mm (H)
- Weight 200 g
- CE certified and RoHS compliant

