

- Fast
- High quality images
- A3-size
- For print quality control of fluorescent ink (stealth ink, invisible ink)



## FLSCAN-4 features

- No darkroom required. Get high quality fluorescent images as casually as when using a photocopier.
- The shading correction function is useful for controlling the quality of the print density of fluorescent ink.
- Images have a high resolution of 11  $\mu\text{m}$  (2400 ppi) and a wide dynamic range of 65536 shades.
- Noise reduction by means of a maximum 256 scans. Detects weak fluorescence (using the driver software iMeasureScan Std (optional.))

## Specifications

Model	201804A1
Light source	UV LED array ( $\lambda_{\text{peak}} = 375 \text{ nm}$ )
Sensor	CCD line sensors
Scan size	12.2 × 16.6 inch (310 × 424 mm)
Optical resolution	2400 ppi
Bit depth	RGB each 16 bit IN / 16 bit OUT
Interface	Hi-Speed USB
Scanner dimensions	W656 × D458 × H158 mm
Weight	15 kg
Power consumption	45 W
Power source	AC 100–240 V, 50/60 Hz

## Application examples

- Inspection and quality control of printed matter and certificated securities printed using fluorescent ink (stealth ink, invisible ink.)
- Scanning fluorescent ink barcodes on mail.
- Identification of erased letters on parchment (palimpsest) in archeological research.
- Restoration of faded lettering that had been written with a highlighter pen.



Mail barcode printed with fluorescent ink  
Visible light image ( left ) / fluorescent light image ( right )