

IR / R / G / B
Four channels
on one scanner



IRGB-6500 features

- The original software captures 1.2 billion pixels (A3-2400 ppi) with a single scan.
- 4 in 1. IR and full color images are captured at the same time, both in reflective and transparent modes.
- Built-in dual array light source unit (both for white and IR) enables shadow-free scanning of 3D objects.
- Same scanning area for both reflective and transparent modes. The same preview scan can be used for both modes.
- The scanner automatically adjusts for shifts in the focal point and magnification ratio in the lens optics, based on the light source type (white or IR.)

Scanner models

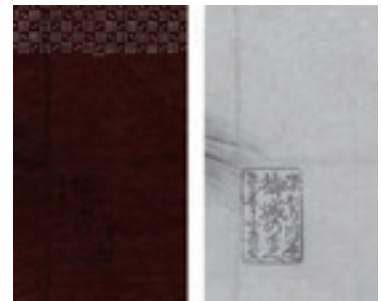
Reflective mode	201911A1
Reflective / transparent mode	201911A2

Specifications

Light source	White LED array / Infrared LED Array ($\lambda_{\text{peak}} = 850 \text{ nm}$)
Sensor	CCD line sensors
Scan size	201911A1: A3+ 310 × 437 mm (for all modes) 201911A2: A3 310 × 420 mm (for all modes)
Optical resolution	2400 ppi
Bit depth	RGB each 16 bit IN / 16 bit OUT
Interface	Hi-Speed USB
Scanner dimensions	W656 × D458 × H158 mm (Transparent: H190 mm)
Weight	15 kg (Transparent: 20 kg)
Power consumption	50 W (Transparent: 55 W)
Power source	AC 100-240 V , 50/60 Hz
Software	iMeasureScan Pro

Application examples

- Testing of the print quality of invisible/visible inks.
- Error analysis for functional films.
- Creating databases of the images on artifacts and wooden tablets found among buried cultural property.
- Visualization of fading old documents and old photographs
- Analysis of documents and art to check whether they are authentic or forged.



Identification of trademark seals on Ise-katagami dyeing stencils
(left: white mode; right: infrared ray mode)
Courtesy of Professor Masayo Inaba
Professor emeritus of Tokoha Gakuen Junior College