

NextgenID Photo Capture Unite

The NextgenID Photo Capture Unit has been specifically designed to very quickly capture passport size photos at high resolution. The images captured from the photos are suitable for viewing for visual verification, for printing, or laser engraving on the passport data page or ID card, for encoding on a chip, and can be automatically adjusted to ICAO standards using NextgenID Vispro-ware. This unit provides the capture resolution of a high end 800 dpi scanner in less than 4% of the time. Other photo capture devices such as card readers and passport readers may rival the PCU in processing speed, but they are not able to provide the adequate image quality for passport, visa, national ID or other secure ID issuance applications.



Product Features

- Embedded Camera and LED Lights within an industrial strength housing
- Platen Capture Area 40 x60 mm (for 35 x 45 mm standard passport photo)
- Image Capture greater than true 800 dpi (for true optical resolution resolving detail well above that available in a photograph)
- Image Capture Speed <1 second (as opposed to standard high dpi scanner capture of 10-15 sec)
- The Photo Capture Unit software API manages the interface between the PCU and the computer and controls the camera and the light within the PCU.
- Operator has a Live Display of the Image as it is being captured and adjusted
- Images can be automatically adjusted for ICAO compliance with NextgenID Vispro-ware

Product Operation

- Operator places photo on platen (Operator does not have to trim border off the photo as other systems require now because the border can extend beyond the edge of the capture area)
- Operator places a silicon pad over the photo and positions the photo using the live display on the monitor (this blocks out ambient light and holds the image flat against the platen)
- Operator initiates photo capture (<1 sec.)
- Operator removes photo from the platen

Product Specifications

- Dimensions
- 21.7mm L, 11.8mm W, 16.7mm H
- Weight = 4 kilos
- 7.5 Watts for 220V 50Hz
- Standard 5' USB cable
- Commercial strength 3.1 MP colour camera with lens
- NextgenID LED Light bank
- Brushed stainless steel housing
- No internal moving parts
- Little to no maintenance required except for cleaning of platen
- Image capture use rated for over 3 million captures annually for over 5 years
- Inexpensive replacement platens are available if surface gets accidentally scratched by operator. These are easily exchangeable in the field.

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