

Leica RC30/DSW700 Combination

A powerful aerial camera & digital scanning package



The Customer Benefits of the RC30/DSW700 package

- A significant percentage of the industry obtains digital imagery by converting film captured airborne imagery into digital format via a photogrammetric scanner.
- The RC30/DSW700 package allows midrange companies with film cameras to maintain their existing processes using the equipment they are accustomed to while still producing a digital result and a faster ROI.
- Once digitized, the imagery can be archived and stored, cutting down on costs and providing a wider range of outlets and applications for the captured and digitized imagery.
- Many companies will find that this method opens a wider variety of opportunities by enabling them to utilize their film captured imagery more efficiently, process it at a lower cost and expand their reach through Internet and electronic data sharing.

- when it has to be **right**

Leica
Geosystems

capture ... reference ... measure ... analyze ... present

POWERING GEOSPATIAL IMAGING™



The Leica RC30 Aerial Camera

The Leica RC30 is the leading film aerial camera. The high image quality, rich image detail and brilliant resolution have long made the RC30 a standard choice in image capture, and the outstanding reliability and flexibility of the RC30 make it popular with users worldwide. Aerial camera technology is well understood and established, and the ability to quickly inspect an aerial film project on a conventional light table allows for rapid quality assurance checking of the media. The proven streamlined data flow to photogrammetry simplifies operation, and all users benefit from Leica Geosystems' decades of experience in manufacturing aerial film cameras.

The Leica DSW700 Digital Scanning Workstation

The Leica DSW700 is the latest development in the Leica product line of photogrammetric film scanners. The DSW700 features excellent photogrammetric film scanner technology. The scanner also offers superior geometric and radiometric resolution as well as the fastest photogrammetric production.

- A cost efficient way to go digital - The combination of the RC30 Aerial Camera System and the DSW700 Digital Scanning Workstation is a cost efficient way to produce high quality digital imagery. The use of the DSW700 photogrammetric scanner coupled with the RC30 provides a reliable and high quality digital output.
- Digitizing imagery requires a high-performance hardware solution - The integrity of the images must be maintained while converting them to the digital medium and the best way to do this is by using a photogrammetry specific film scanner. The DSW700 will facilitate capturing as true an image as possible during the initial scanning process.
- The Leica DSW700 preserves accuracy while converting to digital - Precise optical assembly and film transport systems are used to ensure that the highest geometric fidelity is achieved and to preserve the accuracy of the source imagery.
- The Leica DSW700 sets new standards for scanning and processing cut and roll film - With scan speeds of 3.5 minutes (at 12.5 μm) for color and 1.5 minutes (at 12.5 μm) for black and white, the DSW700 offers high-speed, high-accuracy color balanced imagery. Quickly converting your analog film to a digital format enables you to maximize the time available to work with the imagery.

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Contact Leica Geosystems today to learn more about the RC30 or DSW700. Call toll-free +1 877 463 7327 within the United States, +1 404 248 9000 outside the United States, or visit gi.leica-geosystems.com.

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