



Application in Documentation and Multimedia Production

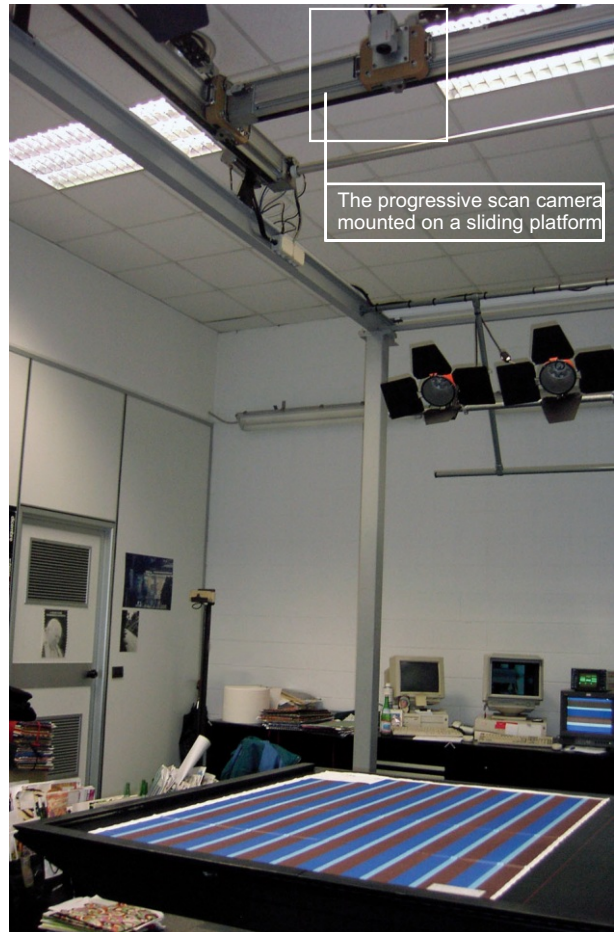
Ratti SPA, Como, Italy
www.ratti.it

Ratti is the leading producer of high-quality silk and other natural fibres for the fashion and home furnishing industry. With the impressive amount of 5.000 new hand designed prints every year and over 170.000 archived textile designs, recording and archiving them has always been an essential and important part of their business. Because conventional desktop scanners were too small to scan their oversized drawings and fabrics, Ratti approached the Italian Technology and Communications company VLV who developed and implemented a unique and customized recording system for them 12 years ago. Two years ago, VLV replaced the originally installed camera with WolfVision's Progressive Scan Camera in order for Ratti to capture their designs in precise detail.

The WolfVision camera is installed on a ceiling rail which allows sharp, high-angle shots of each design. The camera focuses on a specially designed large table on which the fabrics and drawings can be spread out and is operated by remote control. With tiny holes in the table and a specially designed fan system installed underneath it, all drawings and fabrics are simply sucked to the table to keep them in place, eliminating the problem of folds or creases and thereby aiding the scanning process.

At the time that this system was designed, digital recording options were still limited, and the camera was chosen based on video technology which offered the best resolution and color reproduction available then. The video feature gave the advantage that the staff could search for the required shot live on a monitor while the camera slid along the rail. When it came time to replace the unit a couple of years ago due to a needed repair, Ratti wanted to improve image resolution and still maintain the function of searching for details live on the monitor.

With WolfVision's Progressive Scan camera and lens, all details of these special weaves, prints and finishes are now captured in the desired resolution with perfect edge focus. The distance of the camera to the table and WolfVision's wide angled lens assures Ratti that the complete, full sized design can be recorded. The increased resolution from the former video technology to WolfVision's high-resolution camera (1024x768 pixels) has been tremendous.



WolfVision's Progressive Scan Camera helps to record large fabric designs digitally for their database in an efficient way

Progressive Scan Camera Series

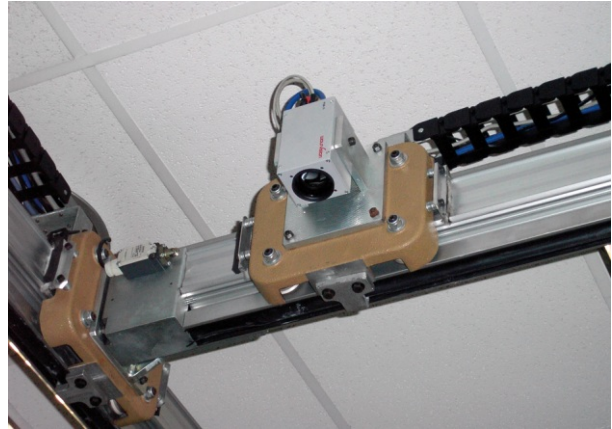


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Once the required detail has been chosen and the picture information is analyzed with an oscilloscope, the images are saved as JPEG, TIF or BMP files and transferred to the company's Intranet Image Database. With additional information added such as style, range, customer and other important details, all designs can be retrieved quickly and easily by staff for their sales and marketing activities.

Mostly used to record their drawings or fabrics, the potential to record high-quality images of color charts, images out of art books, fashion magazines or catalogues has made the WolfVision camera an indispensable tool.

Satisfied with the new camera, Mr. Andrea Saettone, IT Cad and High Technology Manager at Ratti, says, *"The high-quality images produced by WolfVision's Progressive Scan camera in combination with an efficient recording system has greatly improved our operations both internally and externally for our worldwide customer base."*



Manouvrable on a ceiling rail, the camera can be brought into any required position. Images are taken within seconds by infrared remote control