



SCUBE® – THE ULTIMATE SCANNING SOLUTION

Fraunhofer Institute for Integrated Circuits IIS

Management of the Institute
Prof. Dr.-Ing. Albert Heuberger
(executive)
Dr.-Ing. Bernhard Grill

Am Wolfsmantel 33
91058 Erlangen, Germany

Contact
Christian Münzenmayer
Phone +49 9131 776-7300
christian.muenzenmayer@
iis.fraunhofer.de

www.iis.fraunhofer.de

SCube® is the ultimate scanning solution for brightfield microscopy. The system can easily be integrated into your application.

A wide range of objectives makes the system customizable to your needs. The provided SCube® scanning software allows an easy way of scanning your slides in different resolutions. Slide-loading is realized via cassettes that can carry up to ten slides of a standard size of 25 x 76 mm. With an optional cassette feeding module the system can be expanded to realize a continuous throughput of up to 200 slides. The open software development kit (SDK) allows an easy access to all functionalities of the system and makes it easy to integrate SCube® into your own applications. The development of a complete scanning solution has never been that easy. SCube® enables the rapid development of OEM solutions for many different applications.

If you have further questions on the customization of SCube® for your application, feel free to contact us.

Advantages

- SDK for easy integration in your application
- Image processing and auto-focus methods provided
- Easy to use scanning software included
- Small dimensions (WxDxH)
380 x 400 x 440 mm
- Automatic slide loading
- Automatic oil dispensing
- Automatic slide identification
- Customizable components
- Modular concept for easy service
- Premium optical components for high image quality

System Components

- SCube® scanning software
- 5 Megapixel CMOS color camera
- LED illumination
- Up to three objectives on changer unit
- 1D and 2D barcode reader
- Oil-dispensing unit
- C++ software development kit
- Cassettes for ten slides (25 x 76 mm)
- Optional cassette feeder (up to 200 slides)