

Ultrasound Imaging Connect software

Connect is a single application solution for managing your ultrasound patient workflow, including A-Scan, B-Scan, and/or UBM. The software is a powerful and portable diagnostic tool designed to meet the demands of today's ophthalmic practice. The A-Scan, B-Scan, and UBM probes plug directly into a PC, laptop, or tablet device and offer flexible data transfer to meet your clinical needs. All patient data is easily updated to electronic medical records and can be stored, emailed, or printed quickly. Reports are generated with just a few clicks of a button. Take the Connect anywhere with no software licenses, allowing you to load the software in multiple exam rooms and offices. Protect your investment with easily upgradeable software, and streamline your patient data by sharing information between each system.

It's all connected

Connect is the only system to use the same probes as our 45ight, boasting reverse compatibility and industry-leading options for portability and functionality. Both systems also use the same graphical user interface, eliminating the learning curve and making the transition seamless when switching from one system to the other.



A-Scan Plus Connect

Features:

- Immersion and contact modes
- Industry-leading resolution
- IOL formulas including the Hoffer Q, SRK/T, Holladay I, Haigis, SRK II, Binkhorst II, as well as new post-refractive formulas
- Customizable lens, ACD and VCD materials for new emerging implant/chamber materials
- Optimized lens constants for superior surgical outcomes
- Easy to set up defaults, smooth customer interface, and automatic EMR exports to decrease examination time, increase patient throughput, and increase profit
- Automatic alignment detection and sclera recognition help eliminate marginally aligned scans
- Seamless workflow integration with IOLMaster 500 from ZEISS
- Fully upgradeable software
- Unlimited data storage, based on PC/network storage

- EMR capability with automatic transfer of data
- DiCOM[®] ready
- Unlimited IOL lens groups
- Piggyback calculation ability for IOL implant patients
- Rx surgery calculations for an aging Lasik population
- PC-based platform
- PDF reporting



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Specifications

WEIGHT	0.43kg (15.1 oz)
DIMENSIONS	13.75cm x 9.50cm x 6.40cm (5.4" x 3.7" x 2.5")
METHODS	Immersion or contact
DEFAULT EYE TYPE SETTINGS	Phakic, Dense Cataract, Silicone Filled, Pseudo PMMA, Pseudo Silicone, Pseudo Acrylic, Aphakic
CUSTOM EYE TYPE SETTINGS	Unlimited with independent ACD, lens, VCD velocities
MEASUREMENTS	ACD, lens thickness, VCD, axial length
CAPTURE MODES	Automatic or manual
FREQUENCY	10MHz
ELECTRONIC RESOLUTION	0.016mm
CLINICAL ACCURACY	0.1mm
ITEM NUMBER	24-4400

DATA POINTS PER WAVEFORM	4,096
MEASUREMENT RANGE	0.01–63.6mm
ADJUSTABLE GAIN	30–100dB
IOL FORMULAS	Hoffer Q, Holladay I, SRK/T, Haigis, SRK II, Binkhorst II
POST-REFRACTIVE FORMULA METHODS	Clinical history, Contact Lens, Sharmas Clinical
IOL DATA STORAGE	Unlimited, based on PC/network storage
PATIENT DATA STORAGE	Unlimited, based on PC/network storage
DATA EXPORT	EMR compatible, network ready
PRINTER	Any supported by PC
ACCESSORIES	USB footswitch, CD containing A-Scan Plus Connect software and manual, test block



Improved efficiency
Easy-to-use interface for fast scan capture.



Trusted accuracy
Trusted reliability and accuracy with industry-leading resolution.

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B-Scan Plus

The B-Scan Plus proprietary software combined with unique probe electronics make it the premier portable high-definition B-Scan. While developing the B-Scan Plus software, we visited many of the top facilities around the world. The results are a reliable and easy-to-use unit, which can quickly scan patients and transfer information.

Features

- Superior Image—0.015mm image resolution is among the highest in the medical industry
- Improved probe providing sharper, more focused images due to the elimination of signal loss
- Unsurpassed data analysis contains 12 useful measuring calipers, including six lines, two areas, two angles, and two arrows
- Optical zoom technology allows for 2x full-image zoom without distortion of real-time or captured scan
- The portable probe can plug into any Windows-based laptop or PC
- Adjustable film loops that range from 2 to 17 seconds
- Unlimited adjustable and transferable video recording
- Fully adjustable gain control before, during, or after scan
- Connect software allows the B-Scan Plus to integrate the option for A-Scan and UBM modes for improved patient workflow
- Easy to set up defaults, smooth customer interface, and automatic EMR exports to decrease examination time, increase patient throughput, and increase profit
- Unsurpassed compact file storage
- EMR compatible
- DICOM ready
- Multiple measuring velocities for ACD/CD
- PDF reporting
- Archive data on a network or external hard drive



Specifications

WEIGHT	6 oz.
DIMENSIONS	7" long x 1.25" diameter
FREQUENCY	12 or 15MHz
AXIAL RESOLUTION	0.015mm electronic
LATERAL RESOLUTION	0.085mm electronic
GAIN	0-112dB
ADJUSTABLE GAMMA	Linear, S-Curve, Log, Color
SCANNING ANGLE	60°
FIELD OF VIEW	12MHz = 64mm or 19kHz = 52mm
FRAME RATE PER SECOND	15
SAMPLING RATE	2,048 (points per line)
VECTORS PER FRAME	256
FOCAL POINT	22mm
FOCAL ZONE	20mm
TGC	Yes
FROZEN IMAGE GAIN ADJUSTMENT	Yes
ZOOM	2x optical zoom, 8x maximum



REPORTS	Integrated Microsoft Word
SNAPSHOT FORMAT	jpeg, bmp, png, .tif, .gif
DATA ARCHIVE/EXPORT CAPABILITY	Yes
MAX. NUMBER OF FRAMES PER SCAN	256
SIZE OF CINE LOOP	16-128Kb
MEASUREMENT CALIPERS	6-line, 2 area, 2 angle, 2 arrows
ACCESSORIES	Durable traveling case, probe holder, footswitch
ITEM NUMBER	24-6100

UBM Plus

The UBM Plus probe has a guarded tip to prevent damage to both the patient and the probe. The unit is used for anterior segment imaging. This unit is an incredibly portable device because the 48MHz probe plugs directly into any Microsoft Windows laptop or desktop computer. The UBM features an all-in-one probe design to eliminate signal loss and provide the sharpest images possible.

Features

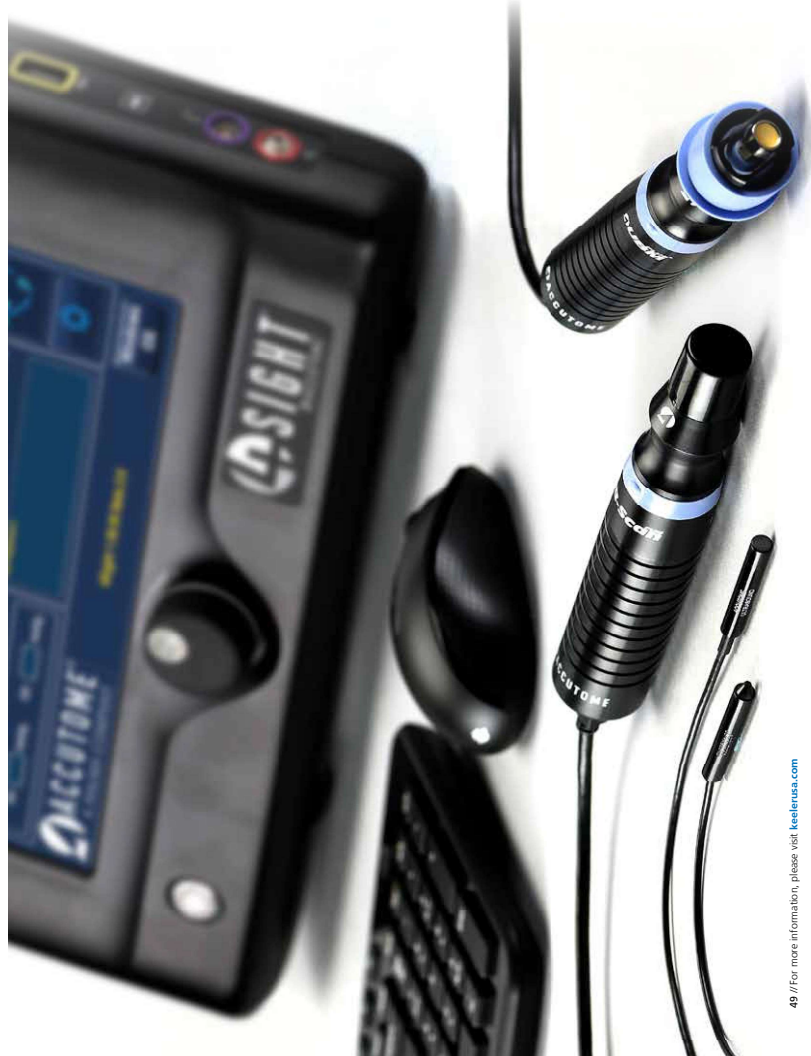
- High-definition imaging – Detailed structure definition, including cornea, iris, ciliary body, zonules, crystalline lens, and intraocular lens, as well as pathologies
- State-of-the-art probe design – Sharper, more focused images due to the elimination of signal loss
- Unsurpassed data analysis – Contains tools for measuring sulcus-to-sulcus, anterior chamber depth, positioning of intraocular lenses, and filtration angle of the eye
- Easy-to-set-up defaults, smooth customer interface, and automatic EMR exports that decrease examination time, increase patient throughput, and increase profit
- Adjustable video loop
- Full upgradeable software
- EMR compatible
- DICOM ready
- Multiple measuring velocities for ACD
- PDF reporting
- Fully adjustable gain-control before, during, or after scan
- Data archive – Network or external hard drive

Specifications

WEIGHT	6 oz.
DIMENSIONS	7" long x 1.25" diameter
FREQUENCY	48MHz
AXIAL RESOLUTION	0.015mm electronic
LATERAL RESOLUTION	0.05mm electronic
GAIN	0-112dB
ADJUSTABLE GAMMA	Linear, S-Curve, Log, Color



SCANNING ANGLE	30°
FIELD OF VIEW	32mm
FRAME RATE PER SECOND	10
SAMPLING RATE	2.048 (points per line)
VECTORS PER FRAME	256
FOCAL POINT	13mm
FOCAL ZONE	4mm
TGC	Yes
FROZEN IMAGE GAIN ADJUSTMENT	Yes
ZOOM	8x maximum
REPORTS	Integrated Microsoft Word
SNAPSHOT FORMAT	.jpeg, .bmp, .png, .tif, .gif
DATA ARCHIVE/EXPORT CAPABILITY	Yes
MAX. NUMBER OF FRAMES PER SCAN	256
SIZE OF CINE LOOP	16-128MB
MEASUREMENT CALIPERS	4 lines, 2 areas, 2 angles
ACCESSORIES	Durable traveling case, probe holder, footswitch, wireless mouse, 18mm and 20mm immersion shells
ITEM NUMBER	24-6300-G



4Sight – See it from every angle

A-Scan, B-Scan, UBM, and Pachymeter in one, easy-to-use platform

We understand the demands on today's busy clinics, which is why the 4Sight is designed to meet those needs. The 4Sight is a single solution for all ophthalmic ultrasound imaging at an affordable price. The A-Scan, B-Scan, UBM, and pachymeter have all been combined into one unit to eliminate wasted time switching modalities. The 4Sight is accurate, efficient, and affordable, making your job easier.

Features

- Modular platform allows for mix-and-match options with a combination specific to your needs
- DICOM workflow compatible
- Easy-to-use software for all probes
- User-friendly interface with touchscreen capability
- Unsurpassed image quality
- Printer compatibility
- Mobility of probes; can be used with 4Sight or laptop
- Live help and dependable support for the life of the product
- Proprietary signal processing
- Industry-leading clinical accuracy
- Financing options available upon request

