# i-Scan

Powerful processing capability

SciVision

product details

## Powerful processing capability

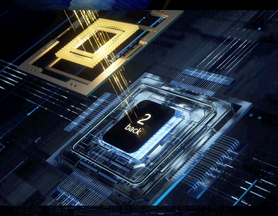
8-core CPU (containing 4 Arm Cortex-A53s,
1 Arm Cortex-R52, 1 GPU, 1 VPU, and 1 FPU)
developed with 14nm LPC FinFET advanced process technology,
and FPGA used as a coprocessor,
bring a smoother image processing experience
thanks to more powerful processing capability.

## Super screen

7-inch 800*1280 ultra-high-resolution
capacitive touch screen
Realize the analysis of images with clear
details on the i-Scan and computer,
ensuring the reliable diagnosis basis for dentists.

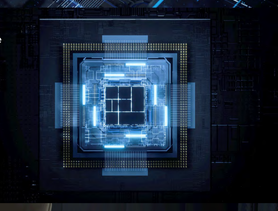
## Powerful algorithm

One-click ultra-clear algorithm
Multi-level structure image algorithm
framework enhances
the details of super-resolution images.



## Ultra-high performance

8-core CPU developed with 14nm
advanced LPC FinFET process technology
FPGA used as a coprocessor
Over 100 million data acquired per dental film
Bring a smoother image processing experience



## Scan and see

One-click starting, scanning and imaging viewing
Charcoal mode eliminates the restraint of computer environment
Capacitive touch screen enables
accurate and sensitive image
processing and data management

## Flexible and compact

Covering only 0.13 $m^2$, the powerful,
full-featured and compactly-designed i-Scan can
be set up in dental clinics efficiently,
easy for direct use beside the chair.

## Easy viewing

Unlimited terminal viewing
(mobile phones, tablets, i-Scan and computers are supported)
realizes digital mobile diagnosis and treatment,
and makes doctor-patient communication
more convenient.

## Powerful software

One-click installation
easy operation and all-round function
Professional and accurate image processing
and intelligent image optimization
Support for multiple languages

## Ultra-thin and flexible plate

Imported ultra-thin imaging plate can be reused more than 1000 times.
The imaging plate is only 0.4mm in thickness, softer than conventional films.
A total of a size (0-3) intraoral imaging plates can be used on i-Scan,
allowing the photographing of various tooth positions.

technical parameter

Environmental temperature: 0℃ - 35℃
Relative humidity: 30% - 75%
Atmospheric pressure: 70kPa - 106kPa

SciVision

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