

ZEUS

A I O R O B O T I C S

Press Kit July 2015

AIO ROBOTICS COMPANY SNAPSHOT



AIO ROBOTICS INC

A high-tech company responsible for the world's first All-In-One 3D printer. A single button press allows users to scan, edit and print 3D objects with ease. No manual calibration or complicated software knowledge necessary. By automating the process, AIO Robotics has made the technology accessible.

FOUNDERS

Jens Windau - CEO // Kai Chang - CTO
Dr. Christian Siagian - VP Software

TIME LINE

2009 - 2013 ZEUS concept in development
2013 - AIO Robotics Inc founded
2013 - Kickstarter campaign funded in 24 hours
2014 - Distribution in over 44 countries
2015 - Established an office in Sydney Australia
2015 - Formed an alliance with SANTEC Co. Ltd.

LOCATION

Corporate Headquarters: Los Angeles, California,
Manufacturing base: Taiwan

MISSION

Today, less than 1% of people worldwide have touched or used 3D printers. Our mission is to bring 3D printers into small businesses, schools, and households by making 3D printing as easy as 2D printing.

PRESS RELEASE - FOR IMMEDIATE RELEASE



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AIO Robotics and Santec strike a triple tiered deal for equity, distribution and 3D scanning technology development.

Los Angeles July 16, 2015: AIO ROBOTICS and SANTEC Co. Ltd. (Tokyo Stock Exchange JASDAQ: 6777, Head Office: Komaki, Aichi Prefecture) have formed a strategic partnership. The deal positions both parties as global leaders in the expanding 3D scanning sector.

Santec, in addition to assuming exclusive distribution of AIO Robotics products for the territories of Japan and South Korea (as of August 24th, 2015), have adopted an equity position with 500,000 shares + 4.21% voting rights within AIO Robotics Inc., and will commence co-development with the Los Angeles based company to augment and improve their 3D scanning and 3D printing technology platforms for industry specific sectors.

Santec, founded in 1979, is a pioneer and manufacturer of optical technology. Santec rolled out the world's first optical fiber inspection device in 1984. Currently, Santec has business operations in more than 30 countries with a focus on optical components and optical measurement instruments.

AIO Robotics was founded in 2013, and shortly thereafter released ZEUS, which is the world's first All-in-One 3D Printer/Scanner. ZEUS features numerous proprietary, patent-pending systems, deployed via an embedded general-purpose (ARM) processor. ZEUS provides high-resolution 3D printing and 3D object scanning, accessed through a highly intuitive user-interface featuring a 7" touch screen display.

ZEUS boasts a plethora of sophisticated processing capabilities, allowing it function as a completely stand-alone system, and thus eliminating the requirement for external hardware and software. On the printer side, on-board features include numerous editing capabilities for adjusting build size and model density, as well advanced slicing options, while the scanner includes fully automated functions for transforming scan data into print-ready "watertight" models. At 120 microns, the 3D scanning capability on the ZEUS is best-in-class.

AIO Robotics CEO Jens Windau says "We are thrilled at what this opportunity with SANTEC means for the future growth for both firms. The partnership enables AIO Robotics to access SANTEC's advanced and innovative light-sensing, optical components to augment our existing accessible scanning technology with future implications for manufacturing and prototyping in a variety of sectors, particularly the medical field."

The strategic R&D plan includes the co-development of medical equipment and industrial optical image processing products. Together the firms are set to become global leaders in the 3D copy technology sector.

For more information contact jo@aiorobotics.com



Team Biographies



Jens Windau
CEO

- Management Consultant for Technology Startups
- 3 Master-level degrees (Technology Mgmt, EE, CS)
- Former Engineer at BMW
- PhD candidate in Robotics (USC Viterbi School of Eng.)



Kai Chang
CTO

- Specializes in designing autonomous robotic systems
- 6 years experience in 3D Scanning/Printing Technology
- Broad Technical Expertise (Soft-, Firm-, Hardware)
- PhD candidate in Robotics (USC Viterbi School of Eng.)



Christian Siagian, PhD
VP SOFTWARE

- 3D Scanning Specialist
- Former Engineer at iRobot
- PhD in Computer Vision (USC Viterbi School of Engineering)



Jo Sommers
CMO

- 15+ years tech marketing experience UK, USA, Australia
- Former Creative Director of marketing campaigns for brands such as Nintendo, Cisco, SONY and HP
- B.A. Communications CSU



Lucas Lok
DIRECTOR OF OPERATIONS

- Former Financial Advisor Associate Morgan Stanley
- B.A. Business Economics UC Santa Barbara
- Founded Galaxy Corp. e-commerce platform
- Logistics, sales, inventory management expertise

1. What inspired you to build a 3D printer?

We were working on other robotics projects and were using different types of early 3D printers and scanners with various cad software programs. We quickly became frustrated with how complicated and time consuming it was to get a good quality result. Lots of manual tuning and calibration that sucked the fun out of what we were trying to achieve. We knew we could build a better machine because we knew what was wrong with the ones we were using. Ultimately we built a machine we wanted to use. We started with an intimate knowledge of the market's needs, we knew the problems and were inspired to solve them.

2. Why all-in-one?

We see an analog with 2D printing and 3D printing. When the technology merges into one tidy unit, it not only simplifies the work flow, it allows you to do more, in less time. A lot of car designers for example work with clay and then scan those shapes to either print as is, or to import into a program where it can be edited, shared or sent to another device anywhere in the world. The ZEUS all-in-one device allows all that to happen in a machine that's connected to the cloud which equals more creative freedom and more satisfying results because of the intuitive user interface and because both the printing and scanning output is best in class (according to 3rd party lab results and customer reviews).

3. What stops most people from getting into 3D printing?

The number one thing that deters people is accessibility. People don't want to suffer through a learning curve so we guarantee the smallest learning curve in the space. Plus we've priced ZEUS to be affordable yet haven't sacrificed on quality. We stand by our product and know that

it's not the cheapest but is the best value 3D printer/editor/scanner on the market today. Part of the value comes with the fact that we've designed an ecosystem that allows people to not only set up the ZEUS in under 10 minutes but to use powerful yet simple software that puts the control in our users' hands so the sky's the limit as to what they can create. There's no complicated software to learn. If you can use an iPad...you can use the ZEUS. And the experience is rewarding thanks to our printer being automated, it delivers a superior printout with the need to calibrate each time.

4. Your current model uses PLA. Are there any plans to allow users more variety in their choice of materials?

Yes! We're exploring various options and definitely see a not too distant future where many types of filaments can be used in our machines.

5. Do you have plans to develop enterprise or mini version of ZEUS?

While our core product will always be focused on the all-in-one (scan - edit - printer) device, we see the benefit of increasing the print size capability for larger items, as well as other materials (metals, wood etc)

6. Who is your core market?

3D printing has the potential to make an impact in almost every sector. However, because ZEUS is the easiest machine to learn, and also one of the safest, we believe that the education sector is a very obvious one for us to focus on. Having said that, dentists love us as do hobbyists, mechanics and home improvers to name a few. We like to think that we've moved past simply using 3d printing to make pretty things but with ZEUS you can actually make (or fix or archive or customize) useful objects or rather... ZEUSeful objects!

THE BUZZ AROUND ZEUS



"Best example of scan-to-print at CES 2015"
TCT: January 12, 2015

"a game changer in getting 3-dimensional printers into the consumer market."
Forbes: September 05, 2013

"Ideal for the beginning 3D printer user"
Gigaom: September 05, 2013

"3D scanning and printing...simplified immensely."
CNET: September 05, 2013

"so easy to use, a child could use it."
Engadget: September 05, 2013

"ZEUS has arrived...a huge leap forward for the 3D printing industry."

3D Printing: September 05, 2013

"Opening the carton it was obvious this was NOT assembled in somebody's garage"

Customer Review: November 14, 2014

"ZEUS arrives well calibrated from factory and together with auto-calibration and the nozzle wipe, I have the feeling that totally unsupervised prints will finally be a reality."

Customer Review: November 24, 2014

Click on a logo to read coverage of ZEUS.



FORTUNE



Forbes



LOGOS

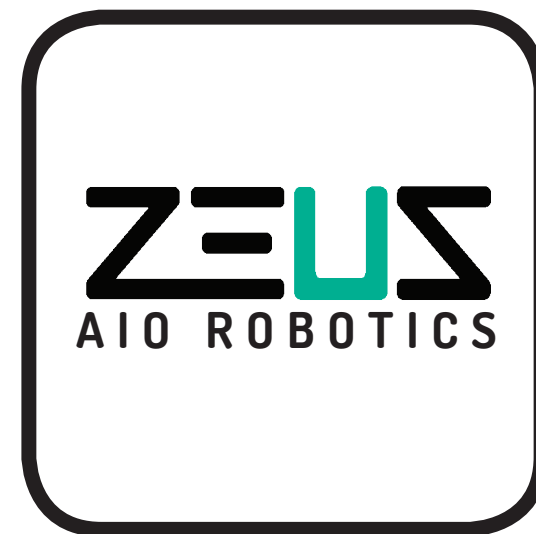
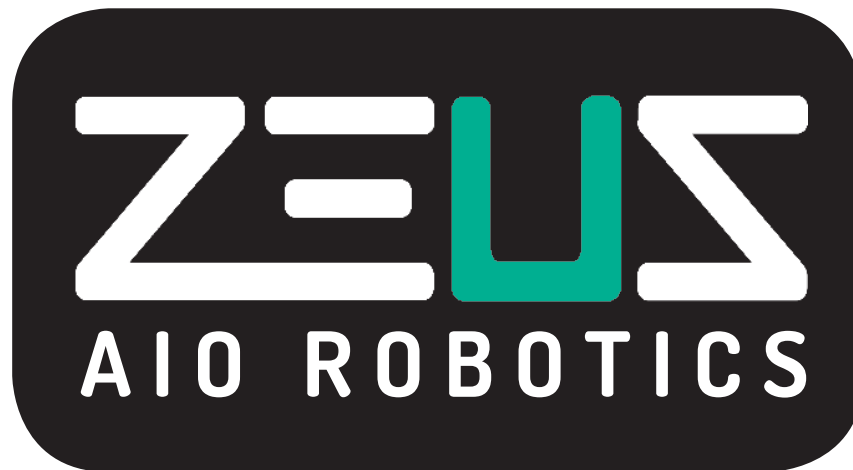
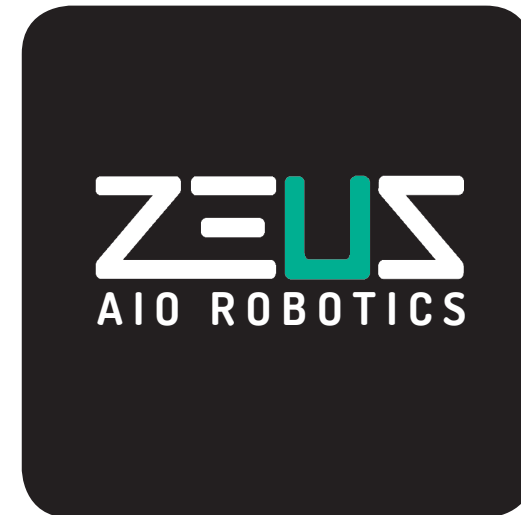
LATEST BROCHURE

PRODUCT SHOTS - EXTERIOR

PRODUCT SHOTS - INTERIOR

PRINTOUTS

SCAN IMAGES



FAQs

Why ALL-IN-ONE verses a regular 3D printer?

You can do more with 3D copy technology! ZEUS features an on-board computer with pre-loaded software. There's no hooking up to a PC. No complicated software to learn. It's the fastest way to get up and running with this exciting new technology.

What printing material does ZEUS use?

ZEUS uses a biodegradable thermoplastic aliphatic polyester called PLA which is derived from renewable resources, such as corn starch.

How long does it take to scan?

The scan speed depends on the quality of the scan. It can vary from 5 to 30 minutes.

Is there anything that I cannot scan?

Objects with dark, reflective or fuzzy surfaces can make it hard for the camera to see the laser line.

What happens if the internet is disconnected?

The printer and scanner will continue to operate off line without a problem.

What is the difference between 3D printing and 3D copying?

3D printing, generates a 3D object from a digital file (eg a g code file or .STL file). 3D copying is a simplified process where an object is placed in the ZEUS and a copy is generated ... no 3D software skills required!

What is the AIO Care Package?

ZEUS comes with a one year warranty package. For further information about care package options please refer to our website. www.aiorobotics.com

SPECIFICATIONS



SCAN

SCAN TECHNOLOGY
Swiping Laser
Triangulation

SCAN VOLUME
up to 23 CM (diameter)
x 13 CM (h) [9 x 4.4 IN]

SCAN RESOLUTION
125 µm

ONBOARD STORAGE
8 GB EMMC |
16 GB MICRO-SD SLOT

TURNTABLE PAYLOAD
2 KGS [4.4 LBS]



PRINT

PRINT TECHNOLOGY
Fused Filament
Fabrication

BUILD VOLUME
20.3 x 15.2 x 14.4 CM
[8.0 x 6.0 x 5.7 IN]

LAYER RESOLUTION
80 µm

SUPPORTED MATERIAL
PLA

PRINT FILE TYPE
.STL | .AIO



HARDWARE

PRODUCT DIMENSIONS
54.9 x 37.5 x 38.8 CM
[21.6 x 14.8 x 15.3 IN]

CAMERA
2-MP Full-HD CMOS camera

TOUCHSCREEN
18 CM [7 IN]
multi-touch color

COMPUTER
Exynos 4412, Quad Core 1.7
GHz



CONNECTIVITY

THUMB DRIVE
USB

ETHERNET
WI-FI



THE WORLD'S FIRST ALL-IN-ONE 3D PRINTER™



SCAN



EDIT



PRINT

3D copy
technology
operated with
the tip of
your finger.

What will
you ZEUS?

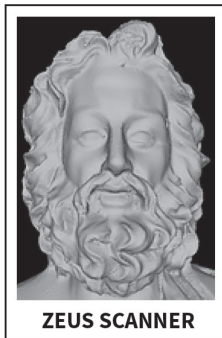
THREE FUNCTIONS - ONE POWERFUL ZEUS



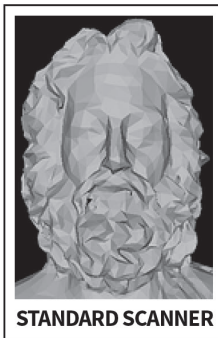
SCAN

An efficient way to create 3d files is to start with a scan. Instead of creating a file from scratch, you can create a file from a real object. The file can then be modified, shared or printed- all in the ZEUS machine.

To see what's possible to scan visit www.zeuseful.tv



ZEUS SCANNER



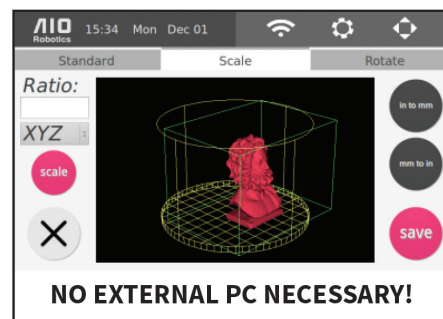
STANDARD SCANNER

A GREAT CHOICE FOR STUDENTS OF ALL AGES.
Onboard software: designed for ease of use.
Fully enclosed hardware: designed for safety.



EDIT

Designed to make editing a breeze. Finally, 3D editing that's user friendly. Intuitive software comes preloaded on the 7" touchscreen so you can scale and shape objects with ease. It's perfect for beginners and professionals alike because regardless of how they're generated, .STL or Gcode files are easily transferred via the cloud or USB.



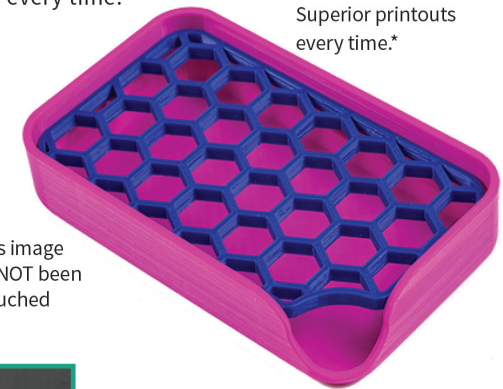
NO EXTERNAL PC NECESSARY!



PRINT

Prints at an incredible resolution of 80 micrometers using eco-friendly corn based PLA. The smart probing mechanism for auto bed leveling ensures quality results every time.

Superior printouts every time.*



*This image has NOT been retouched



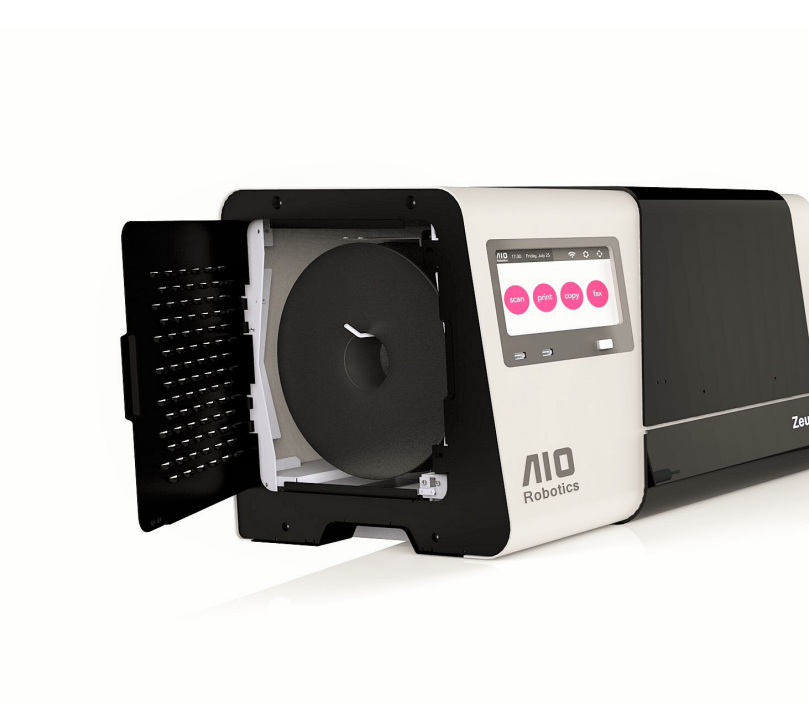
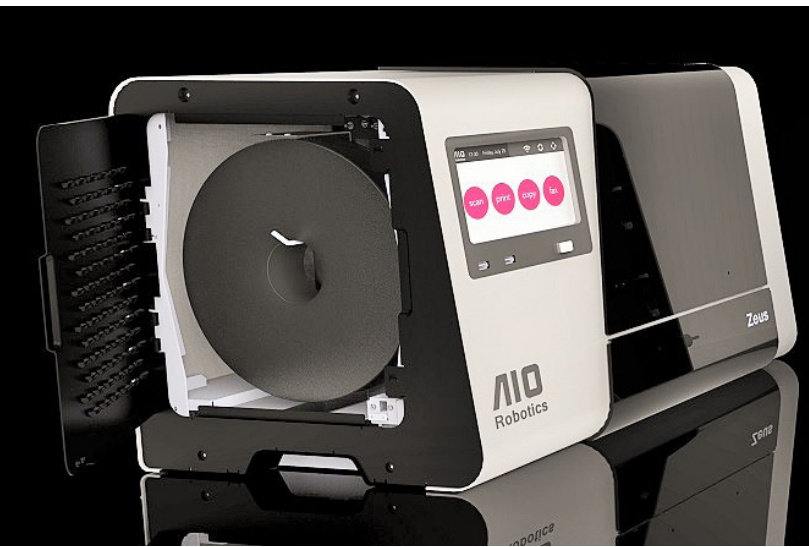
THE THUNDERBOLT EXTRUDER with full metal design has a dual cooling mechanism and smart auto-probing. It's also easily maintained with a quick swap and replace capability.



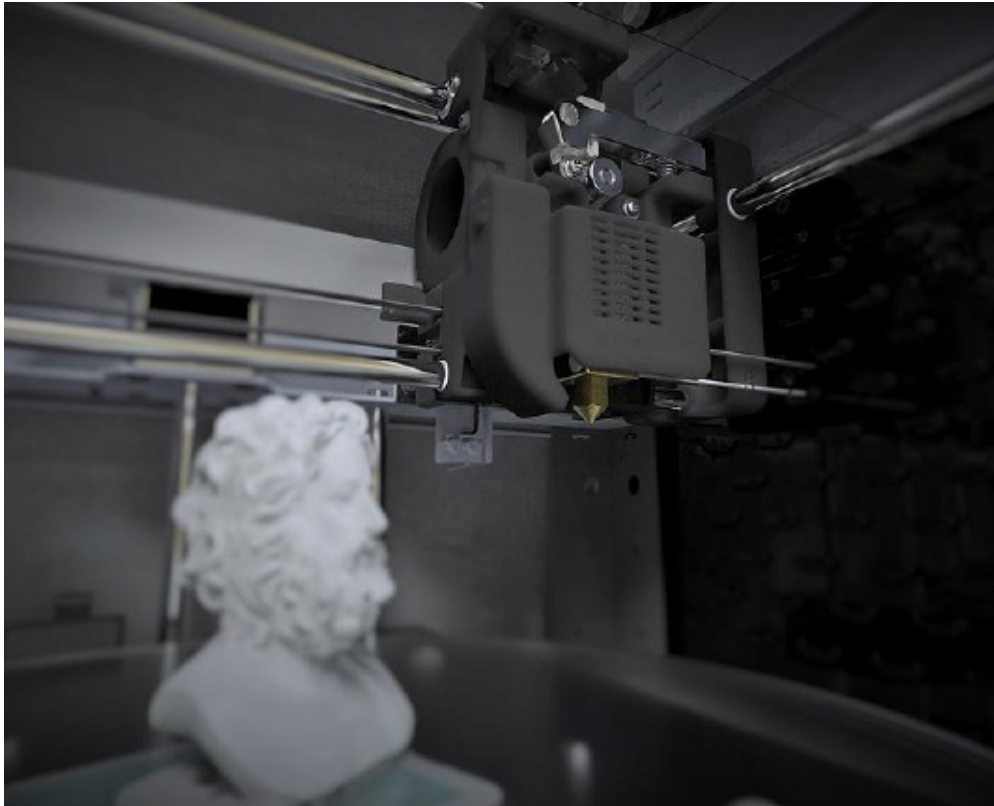
7" Touchscreen
with preloaded software
for on board editing.

\$2,499

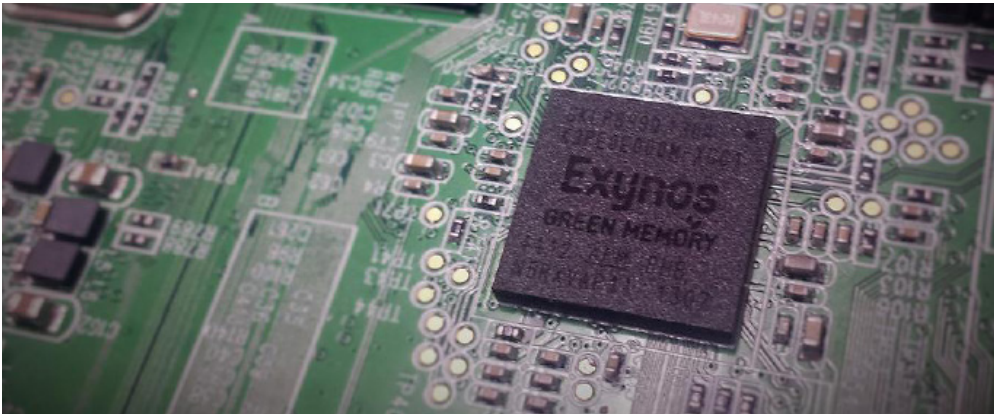
PRODUCT SHOTS - EXTERIOR



PRODUCT SHOTS - INTERIOR



The fully replaceable Thunderbolt extruder



Exynos 4412, Quad Core 1.7 GHz The on board high-speed processor. No external PC necessary!

Fully enclosed design makes ZEUS one of the safest 3D printers for kids.

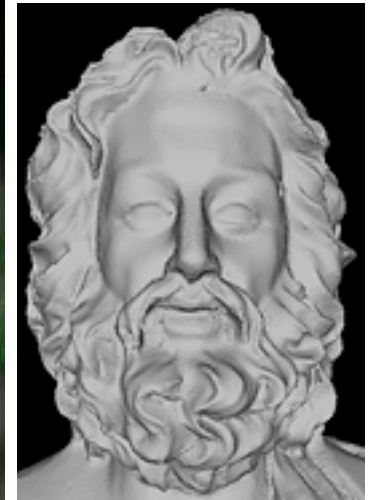


This image is untouched and shows the quality of the printouts.

See how ZEUS printouts compare to other 3D printers [here](#)



SCANS



ZEUS SCANNER



STANDARD SCANNER



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