

Guangzhou Viewsitec technology co., Itd Becoming the most valuable intelligent visual inspection technology enterprise.

Optical Real-time based on OCT Leader of Nondestructive Testing Solutions

A pioneer in applying OCT technology to industrial testing

Project presenter: Hiro Liu (CTO)



CONTENTS

O1. Company
Profile

- Company and Business
 Overview
- Core Team Members
- Expert Advisors Team

Products
& Solutions

- Market Analysis
- Products and Solutions
- Application Cases

03. Business Model

- Business Model
- Revenue Model
- Market Strategy

04. Plan

- Financial Analysis
- Development Plan
- Financing Plan

O1 Company Profile

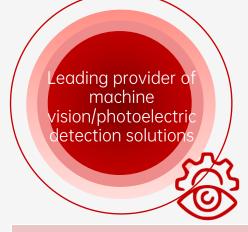


About Viewsitec



One-step solution provider, committed to helping customers in various industries improve efficiency and production quality!

Established in June 2023 and headquartered in Huangpu District, Gua& recongzhou, Viewsitec specializes in **industrial inspection** and **intelligent manufacturing**, offering solutions for visual inspection gnition, image acquisition, and photoelectric detection.









Team Technology Market

- ✓ Business precipitation of 10 years of experience
- Empowering a professional marketing team with9 years of experience
- √ 70% teams with master's degrees
- √ 70% technology, 100% professional counterparts

- 7 intellectual property rights, and the other 5 are in the right layout
- 100+ industry projects, delivery number 85+ Customer projects such as Pole New Energy, Shenzhen O-film Tech Co., It, Huawei, Mitsubishi and China Southern Power Grid have reached 50+

50+ landing project

- √ 4+ million RMB 1-year revenue
- √ 400+ customer warehousing suppliers
- √ 1,000+ customers who have established contact
- 40+ sessionstechnology sharing/speeches/interviews

1 year after established, 4+ million RMB revenue

10+ years experience

Viewsitec Bussiness



A leading provider of machine vision & photoelectric inspection solutions in the industry



Technical Training Testing Services Solution Deployment

Boundless Acquisition

High-bandwidth acquisition and processing



High-performance acquisition and synchronization systems for industrial manufacturing, medical imaging, and automotive vision



Automotive Image Mapping & Acquisition

Vivid Sensing

Multi-technology imaging measurement



An integrated vision inspection platform for novel industrial imaging technologies such as OCT





New Energy Vehicle Production Line Inspection

Light & Precision

High-Performance Optoelectronic Devices



Diversified optical inspection solutions powered by extensive optical expertise and technological accumulation





Medical & Semiconductor Precision Imaging

Viewsitec Qualification













Core team







- ✓ Zhejiang university internal combustion power engineering major
- ✓ Worked in the Second Automobile Factory (Dongfeng Motor).
- ✓ Has cultivated the automobile industry for 40+ years and has 30+ years of entrepreneurial experience
- ✓ Has written many monographs and more than 30 patents on inventions.
- √ "firmly believe that scientific and technological innovation is the first development force for enterprises"



Tars Duan

- ✓ Master of Information Manufacturing Research, Waseda University, Japan; Bachelor of Industrial Design, Shanghai University.
- √ 6+ years machine vision industry experience
- √ 10+ Machine Vision Industry Speech/Interview
- ✓ Lead the technical team to complete several million-level machine vision projects.



Kylin Qin

- ✓ Master of Optics, Nanjing University; Bachelor of Optoelectronic Information, South China University of Technology
- ✓ 4+ years experience in photoelectric industry
- ✓ Lead the technical team to complete several million-level photoelectric projects.



Hiro Liu

- ✓ Nanchang University Optoelectronic Major
- ✓ 4+ years experience in photoelectric industry
- ✓ Implement customized solutions for LG New Energy, Ou Feiguang and other projects.
- ✓ Provide industry technical solutions 50+



Sunniva Yang

- ✓ Master of Journalism and Communication, South China University of Technology Bachelor of Communication, South China Normal University
- ✓ Has a deep professional background in marketing and be familiar with the whole process of B2B marketina
- ✓ Leading the company's whole chain marketing channels and national market activities, with an average of 1000+ customers.

Expert Advisors





Dr. Thor E. Ansbæk
Ph.D. in Photonics from the
Technical University of Denmark
MBA from Harvard Business School

- ✓ Author of over 20 OCT technology research paper
- ✓ Over 10 years of research experience in the OCT field
- ✓ Founder of OCTLIGHT, an internationally leading enterprise



Dr. William Brown
Ph. D. in Physics and researcher
from Duke University

- ✓ Expert at the OSA and SPIE
- ✓ Founder of Lumedica and Oncoscope
- Research areas include light-matter interaction and commercial development of novel optical technologies



Prof. Liang Yanmei
Professor and doctoral tutor at the
Institute of Modern Optics, Nankai
University

- ✓ Led multiple NSFC projects and National Key R&D Programs
- ✓ Published over 60 papers with 8 inventions
- ✓ Completed the development of 3 generations of OCT systems, reaching international advanced levels



Prof. Zhang Xiao
Tenured Associate Professor and doctoral tutor at Beijing Institute of Technology

- ✓ Led multiple NSFC projects and National Key R&D Programs
- ✓ independently published 1 book and over 30 SCI journal papers
- ✓ OCT achievements have been widely reported both domestically and internationally

• • Snapshots of the Exchange and Discussion with the Expert Advisors









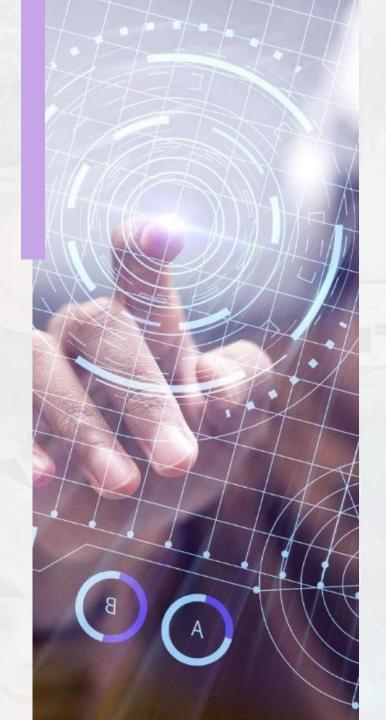








Products & Solutions



• Challenges and Difficulties in Traditional Visual Inspection Methods

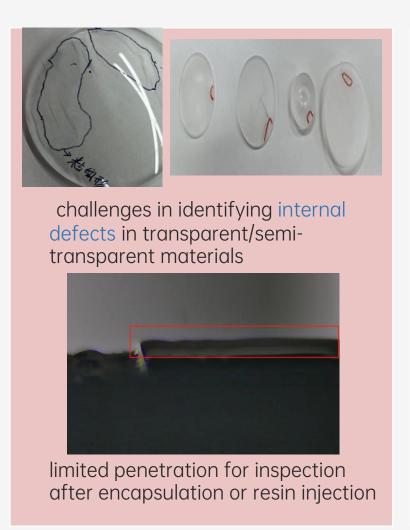


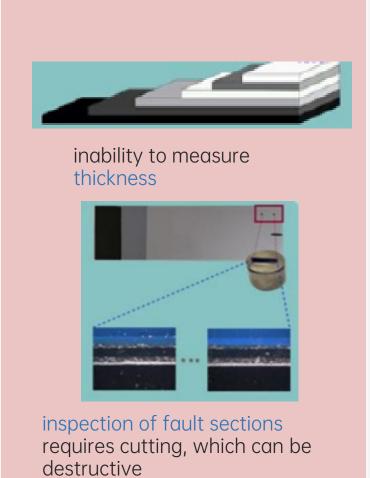


difficulty in illuminating smooth/highly reflective materials



tedious selection and testing of light source colors





Lighting Setup Complexity

Transparent Materials

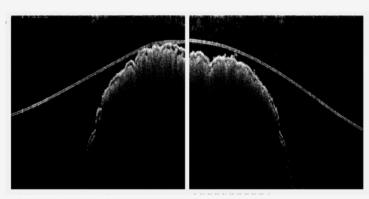
Internal Information

Disadvantages in Traditional Non Destructive Testing Methods

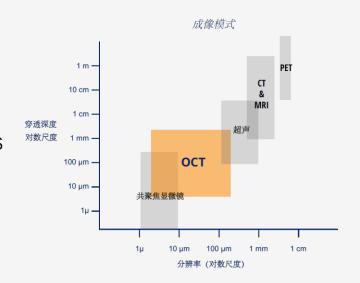


transparent/semi-transparent/turbid materials lack efficient online real-time penetration detection methods

- Traditional Testing Methods
- > 1. X/β rays: high cost, strong ionizing radiation, does not meet safety production requirements
- ➤ 2. White light interference/spectral confocal: only suitable for thickness measurement and easily affected by highly reflective surfaces; unable to perform real-time cross-sectional imaging
- > 3. Ultrasound: requires contact measurement, has low resolution, and poor flexibility



white light interference/spectral confocal cannot perform real-time cross-sectional imaging





ultrasound requires contact measurement



Project Context





Detection of tab glue for flexible battery in lithium electronic power battery

There are many types of tab adhesives, which generally have a multilayer structure. In order to pursue higher adhesive strength between the adhesive layer and the metal sheet, modified PP with different materials is used for the adhesive tapes on both sides.

Once the packaging process is reversed, it is easy to cause accidents such as leakage of the battery core, which poses a security threat, but this conventional means can not distinguish between positive and negative.



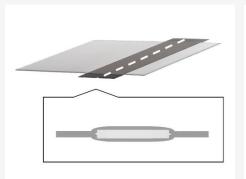
Structure diagram of flexible package tab



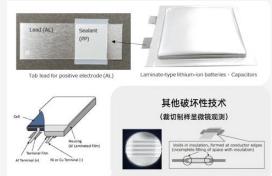
Structure diagram of polar ear tape

In the prior art, destructive slicing and observation through a microscope are generally required, but:

- Will cause direct damage to the sample;
- Low detection efficiency;
- It can only be sampled and tested, which has high security risks.







Microscopic observation diagram of destructive technology cutting sample preparation

How to detect the adhesion and internal information of multi-layer tape is a difficult problem in lithium battery industry!

Meticulous Care, Broad Market Prospects





10-billion-level

China's OCT market size in 2026

Future Demand

Future applications beyond the millimeter level, OCT still gets room to expand

- > New Energy Battery Market: In 2022, China's market size reached RMB 536.2 billion, with a compound annual growth rate of 7%;
- Medical Imaging and Analysis Market: In 2022, China's market size was 7.92 billion yuan, with a compound annual growth rate of 6%;
- Laser Processing and Inspection Market: China's market size reached RMB 632.9 billion in 2022, with a compound annual growth rate of 30%;
- > Consumer Electronics Manufacturing: In 2022, China's market size reached RMB 506 billion, with a compound annual growth rate of 34%.

100-billion-level

empowering 3 hundred-billion-yuan-level markets

(Unit: RMB)

--Data source: estimated data from Beijing Institute of Technology



_Strategic Significance

Supportive policies introduced: leverage domestic alternatives and achieve disruptive overtaking in the market

- Foreign brands dominate the market with a 70% share, while cost-effective products remain scarce;
- > China's OCT products are in their infancy, holding a small market share. However, domestic brands are making significant strides in improving producy domestic substitution policies, their market share is projected to exceed 50% by 2025;
- > Huangpu District's Strategic Emerging Industries—particularly the intersection of AI and New Generation IT—are fostering **new quality productive force** and advancing industrial chain upgrades.

70%

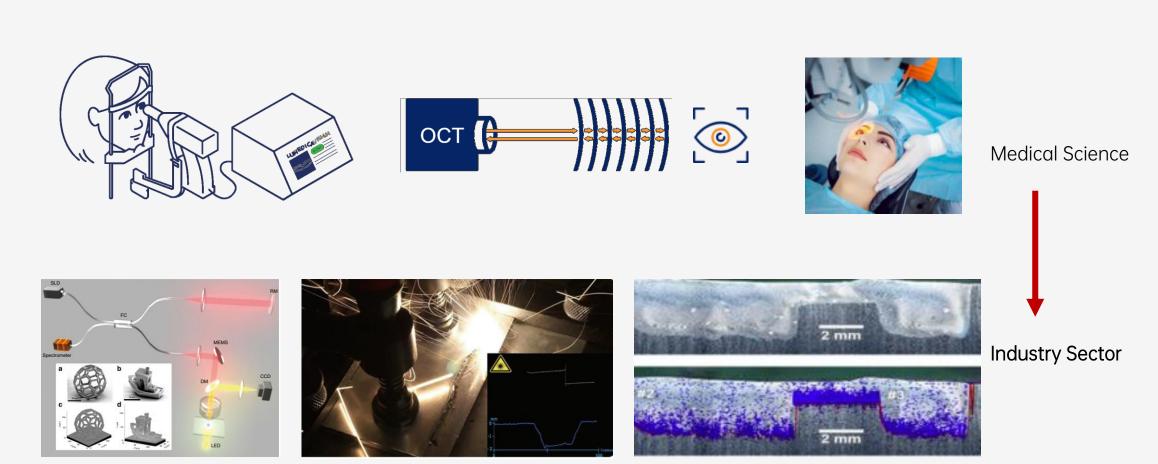
foreign brands dominate the market currently

65% and above expected China market share in 2025

—Data source: 2020-2024 China Ophthalmic OCT Equipment Industry Market Special Research and Evaluation Repor

• • Pioneered the Migration of OCT Applications to the Industrial Sector





Explore the excellent imaging/detection capability of OCT and expand it to more and more industrial scenes.

Viewsitec OCT Imaging System



Portable, small and compact OCT Imaging System provided by Viewsitec series:

- Uses original optical path design and technological route;
- Provides special 2D/3D image algorithm and fast discrimination software;
- An interference measurement technology based on near infrared, no ionizing radiation;

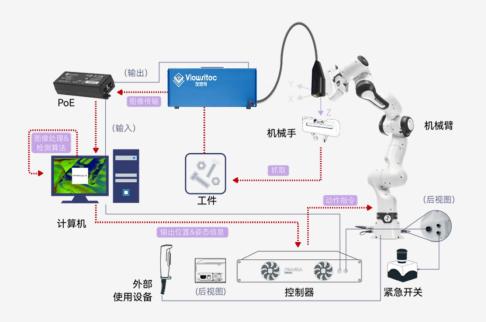


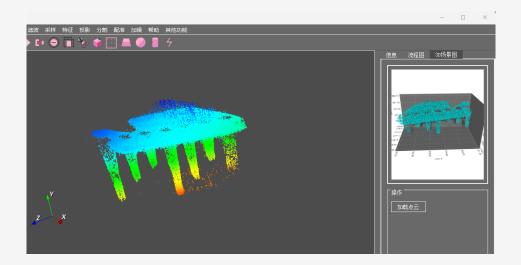
OCT imaging system

- Be able to realize clear discrimination and sorting;
- ➤ Be able to perform multi-dimensional online measurement and analysis functions such as width and thickness of each layer;
- Includes customized data traceability and statistical analysis functions.

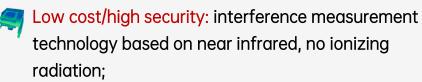
Viewsitec OCT Imaging System







Scheme application advantages



Multi-function: real-time tomography with high frame rate of penetrating section, thickness and 3D measurement, multi-function;

Non-contact: flexible and compact optical fiber probe, easy to integrate.

Customized multifunctional software

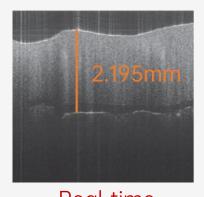
Automatic detection and configuration, improve the intelligence of production line, and meet the requirements of accuracy, efficiency and safety.

Algorithms and techniques for 3D measurement geometric feature extraction and complex data processing from OCT original data into point cloud data.

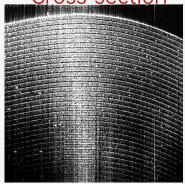
Competitor Analysis



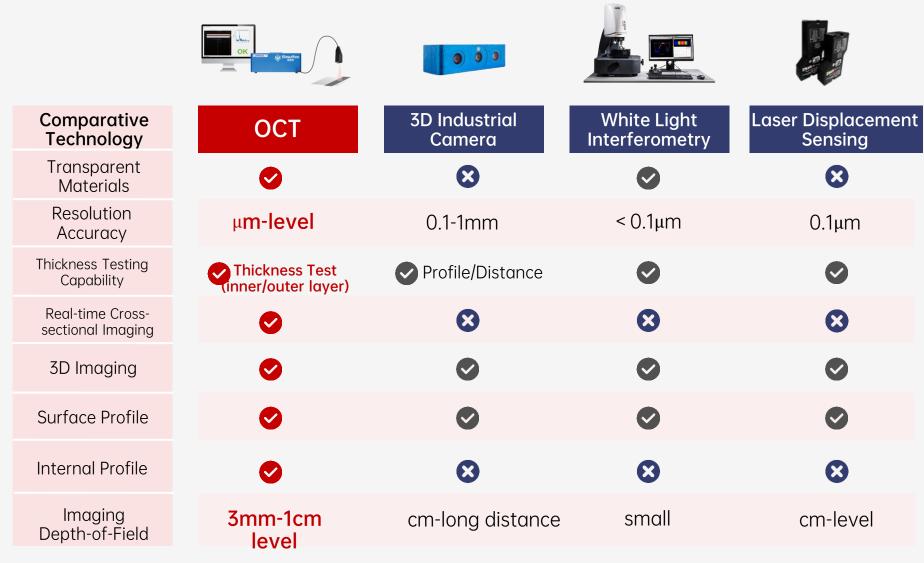




Real-time Cross-section



High Precision



Competitor Analysis



-comparison between OCT technology and other representative Industrial measurement technologies

	OK Wouthout on the state of the		HSL
Performance Comparison	Viewsitec OCT	Thorlabs	Santec
Compactness	Integrated System	PC + OCT Module	PC + OCT Module
System Cost	Low Cost (<100k RMB)	High Cost (400k+ RMB)	High Cost (600k+ RMB)
Max Resolution	2 μ m	3μm	~10µm
3D Imaging	Industrial Point Cloud Analysis	Generic Experimental Software	Generic Experimental Software
Industrial Integration	flexible solutions	fixed environment	fixed environment

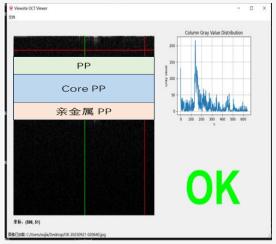
more suitable for customized industrial applications

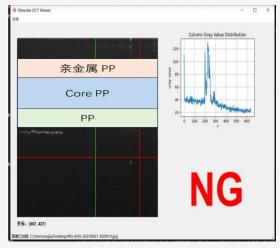
• Application Case - LG·POLE New Energy



POLE New Energy Pouch Cell Tab Taping Front and Back Inspection Project

-solving a challenge in the lithium battery industry







Production optimization and defect localization



Eliminate destructive testing and cumbersome sample preparation processes



Reduce waste to protect the environment



Save costs and improve production efficiency



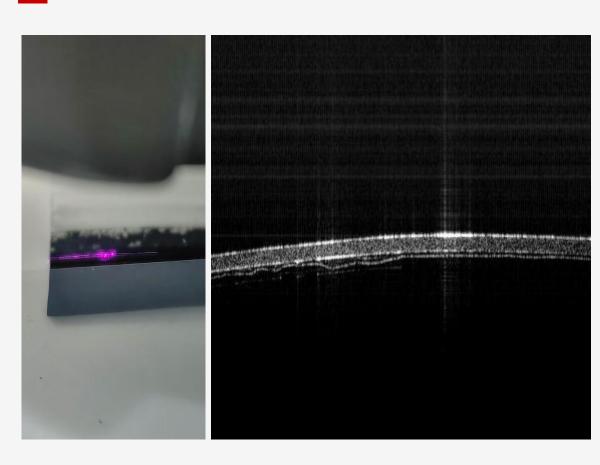
POLE - Subsidiary of LG Group family enterprise --production base in Chuzhou, China, Overseas: Poland Super Factory, Headquarters Basse: South Korea.

creative application of Viewsitec OCT Imaging Technology in the New Energy Industry

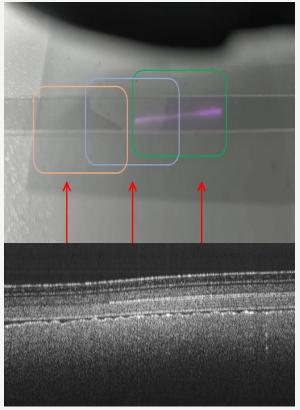
Application Case - SinoHyKEY



Membrane electrode assembly - the core of hydrogen fuel cellls







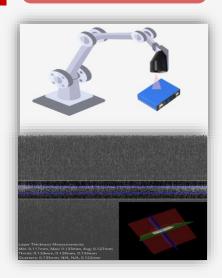
Catalyst attachment status

Proton exchange membrane bonding layer

• • Explore More Potential Application Scenarios



New energy battery

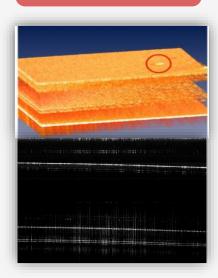


Real-time detection of the adhesion of the outer packaging film of the square shell battery, and automatic discrimination of bubbles and foreign body defects. Real-time detection of PCB and FPC flexible circuit board coating thickness, component dimensions, internal dispensing measurements, and defect inspection.



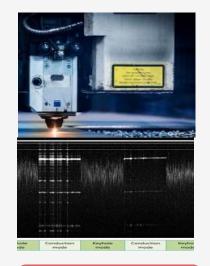
Electronics Components

Consumer Electronics



Quality inspection of mobile phone screen, display, multi-layer transparent glass structure and other consumer electronic components

During laser processing, OCT probe is coaxially integrated for quality monitoring.



Laser Processing

SemiconductM aterials



Infrared penetration precision imaging for semiconductor materials (Si, SiC, etc.), real-time analysis of wafer flatness, surface/internal structural defects in dies, and other critical parameters.

Application Case - POLE New Energy





广州友思特科技有限公司

购销合同书

爾方: 铂尔新能源 (滁州) 有限公司 (以下简称甲方)

合同编号: YST37L24052401

供方:广州友思特科技有限公司(以下简称乙方)

签订地点: 广州

甲方向乙方订购一批产品,详见第一条(产品清单),甲乙双方本着互惠互利的原则,根据《中华人民共和国民法典》,经甲乙 双方友好协商达成本合同。

第一条产品清单

产品名称 (开票品名)	型号	产品说明	数量	单位	含税单价 (元)	含税总价 (元)
OCT 成像系统	OQ Lebscope 3.0	田像分辨率: 512px x 512px 深度分辨率: 8 μm in oir, 6 μm in tissue 軸向最大成像架度: 2.7mm in oir, 2mm in tissue 機向分辨率: 18 μm 线月類范围: 7 mm 体月類范围: 5 x 5 mm2 A Scon 线列速度: 34000 / sec B Scon 成像速度: 22 / sec 中心波长: 840 nm 灵敏度 (OSNR): 100 dB 輸出功率: 750 μW		30	148,371.00	148,371.00
显微镜配件	VST-Sconner scope MT	用于OCT扫描仪的升降支架 底板尺寸: 200×255×22mm 立柱直径: 25mm 立柱直度: 280mm 调焦托架: 25-76 新个扫描头道配器	1	40	5,681.00	3,681.00
安全防护箱	VST-Package 5122L	可移助改性PP合金安全箱,尺寸560× 455×265mm,带海缐和拉杆,防护等 级IP67	1	^	1,642.00	1,642.00
延保服务	OQ Labscope 3.0 延保服务	延长至一年的保修支持和服务	1	项	14,200.00	14,200.00
技术服务		远程线上技术支持3个月	1	順	0.00	0.00
发票和价格说明; (1) 乙方按照销售清单开具增值税专用发票(数电发票)。 (2) 增值税税率以图家法律法规之规定为准,乙方适用税率如有变动,不影响税额价格。					税前总价: 增值税税额: 价税合计:	¥149,408.62 ¥18,485.38 ¥167.894.00

第二条 合同金额与结算方式

1、合同总额: ¥167,894.00

大写: 人民币 橐拾陆万柒仟捌佰玖拾肆元整

2、结算方式; 合同签订生效后3个工作日内, 甲方支付合同全款给乙方。

第三条 运输与交货方式

- 包装与运输: 顺丰/京东快递,包装、运费由乙方承担。无实物的产品、判以电子邮件方式发送至甲方指定接收邮箱。任何关于收货地址或接收邮箱的变更。甲方均需以正式书面形式(如邮件、盖章文件)告担乙方。
- 2、交货地点:甲方指定国内地点。
- 3. 交货期: 现货, 甲方付清合同全款后1-2周。

第四条 货物验收

- 甲方收到货物后,须现场查收货物外包要,如果遇到外包裹损坏等物流造成的问题。而及时与快递员沟通并在收货当日告知乙方销售人员进行处理,如未告知,视为到货包装无问题。
- 2. 甲方应在收到发票或货物后及的对发票或产品收量。品种、型号、规格、质量等按照合同约定进行验收,如有异议,甲方应于收到发票或货物后2个工作日内以书面形式通知乙方。否则视为验收合格。



广州友思特科技有限公司

- 2、复印件、扫描件与合同原件具有同等法律效力。
- 5、本合同如有未尽事宜或需变更事项,经双方协定,可以签订补充协议或补充条款的形式加以补充,补充协议或补充条款经双方董章后生效,且为本合同不可分割的组成部分,与本合同具有同等法律效力。

以下无正文

甲方名称: 税 号: 甲方地址: 联系电话: 铂尔新能源(滁州)有限公司 91341100MA2U9BNN1T 滁州市苏滁现代产业园泉州路186号

开户银行: 账 号: 代表签名: 日 期: 单位盖章:



 乙方名称:
 广州友思特科技有限公司

 税 号:
 91440112MACPDFAT4A

 乙方地址:
 广州市黄埔区开垦大道30号之五501房

联系电话: 020-387450307 38743032 开户银行: 中国工商银行级他利限公司广州开发区分行

舞 号: 代表签名: 日 期: 单位盖章:







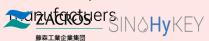


Target Customer Groups



New Energy

 Upstream: tabs, tab glues, membrane electrodes, thin flim



 Midstream: integrators of lithium battery manufacturing/ testing



 Terminals: Lithium battery manufacturing/ testing sectors





Detection Integrated
Equipment Manufacturer



TOPLAB.AI

Precision Electronics
 Manufacturer



huami



Consumer Electronics

 Mobile Phone Screen Manufacturer





Optical Inspection
Equipment
Manufacturer/Integrator



LUSTER 凌云光

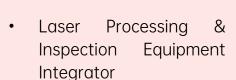
Laser Processing

Laser Processing
 Equipment Manufacturer





Hymson





 Automotive Industry Terminals





TESLA

Summary of The Project Advantages





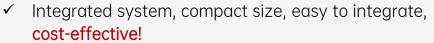
Leading optical technology

- ✓ Industry-leading 2um axial resolution;
- Breaks through traditional 2-3mm limitations, achieving 6mm deepth imaging;
- ✓ Possesses visual system-level capabilities for complete solution delivery.



Solution that reduces costs by 75%

✓ Compared to competitors' million-level systems. our costs can be reducced to a hundred-thousand level;



Delivers higher performance while offering more economical solutions.



Cutting-edge industry insights

- ✓ A pioneer in advanced industrial OCT inspection;
- ✓ First to successfully deploy multiple OCT systems in industrial production lines;
- Over 10 years of experience with profound industry demand insights;.



High-quality customer base

- ✓ Established long-term cooperation with several renowned power lithium battery forming stable companies, strategic partnerships;
- Recognized and highly praised by premium clients such as Huawei, Tencent, and ZTE.







O3 Business Model



Business Model



40% OCT Standard System

- Portable OCT system, OCT laser source and other core devices;
- Cooperate with domestic upstream and downstream OCT and well-known scientific research institutions (Hong Kong Institute of Applied Sciences, Beijing Institute of Technology) to develop the OCT module and system

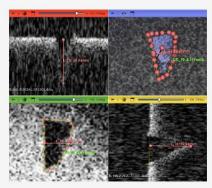




- Focus on lithium battery/hydrogen energy, laser processing, consumer electronics, etc., directly hit the demand of first-line industries, and provide testing solutions for automation industries.
- It includes hardware system adapted to the detection environment and self-developed software of Viewsitec, which realizes multi-scene and multi-function automatic identification.
- Viewsitec self-developed software: automatically captures image, judge the state of the tested sample, and automatically give the judgment result of NG and OK.

20% Innovative Technical Services

- Technical testing service, showing the advantages of OCT technology and the actual detection effect, and promoting new technologies.
- **Self-developed image processing algorithm,** providing OCT images and data annotation.
- Industry-grade hardware integration services and software secondary development to adapt to specific application scenarios.
- Online and offline operation training to help customers succeed.





Business

Model

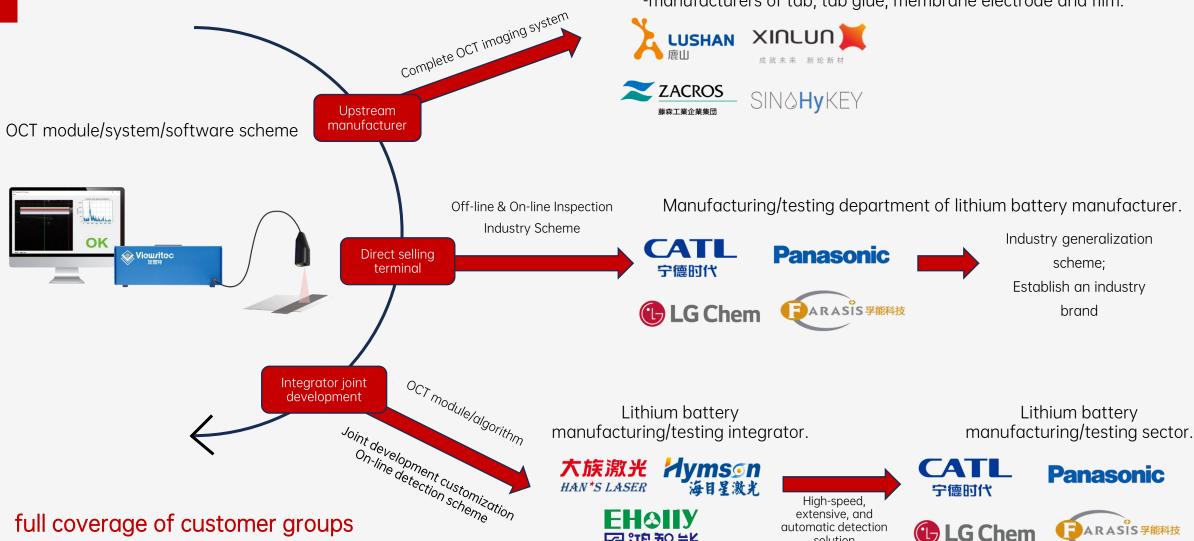


Business Promotion Plan





Upstream of lithium battery/hydrogen battery -manufacturers of tab, tab glue, membrane electrode and film.



full coverage of customer groups across the entire industry chain

Hyms⊙n 海目星激光 HAN*S LASER













Operation Status





Total number of customers delivered

85+



⊗ View√itec Total number of customers(established contacts)

1000+

Industry	Potential Customers	Application	Project Progress	Project Amount
New Energy	 A leading enterprise of flexible battery A manufacturer of hydrogen proton membrane head A battery processing equipment manufacturer 	Detection of tab of flexible battery Thin film thickness measurement of battery shell Battery film thickness detection Proton membrane adhesion detection	 1 contract in progress. 2 technical tests in progress. 	2+ million RMB
Consumer Electronics	2 head mobile phone companies	Mobile phone screen detection Adhesion detection of plastic parts	 1 technical test completed, and customer's internal evaluation in progress. 	1+ million RMB
Electronics Components	A smart integrated solutions provider	Flexible circuit board inspection	 Preliminary testing completed. Contract in progress, and is expected to be promoted in the industry. 	2+ million RMB
Semiconductor	A materials research institute	Semiconductor material layer inspection	 Preliminary testing completed, and internal evaluation in progress. 	500,000+ RMB

• • Market Clients

-trust built on accumulated professional expertise and extensive experience









































Viewsitec has been included in the supplier directories of over 400 companies











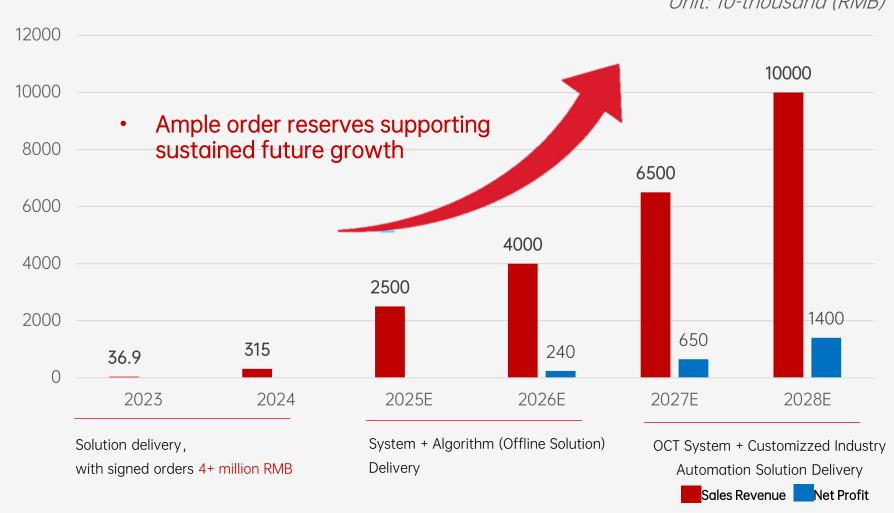


Financial Status -predictable sustainable growth



Expected to achieve returns within 3 years, with a conservvative net profit forecast of over 14 million RMB within 5 years.

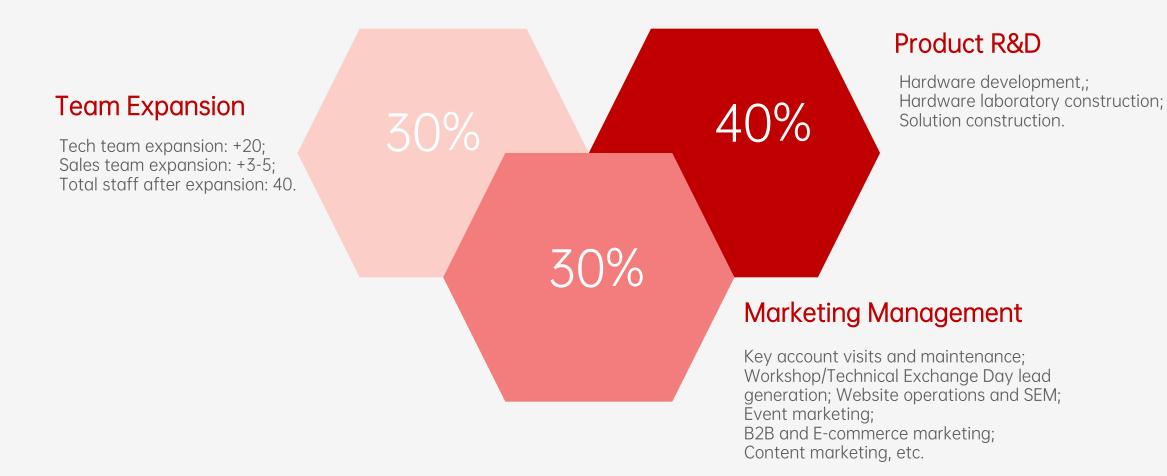
Unit: 10-thousand (RMB)



Financing Programs



This round aims to raise a total of 12 million yuan, representing 10% equity.



Growth Potential and Strategies

Create a well-known innovative brand of Viewsitec visual inspection!

Customized solution provider

2024-2025

- Mature customized solution provider
- Algorithm base on integrated hardware and self-developed software
- Add Yost value (testing/training/project integration/software development)

Standardized industry solution provider

2026-2027

- Deliver more standardized and sophisticated industry-level solutions.
- Industry solution distribution (60-70%) combined with integrated research and development (30-40%)
- Precision industry focus (lithium battery/new energy/automobile)
- Know-how with mature Viewsitec industry and application.

Viewsitec custom innovation brand

After 2028

The standardization/productization R&D mode

based on YOUSITE's self-research

Have a professional R&D team and R&D resources

- Self-developed industry-class full range of visual inspection products
- Export more leading industry-level highlights with sales and research
- Industry Viewsitec brand



Insight into intangible perception, unbounded touch, without seeing the future of wisdom!



Insight into intangible perception and unbounded touch, without seeing the future of wisdom!



Guangzhou viewsitec technology co., ltd viewsitec.com