



Quarterly Financial Results Briefing Third Quarter of FY2024

QD Laser, Inc.
February 2025

Remarks from Osamu Nagao, President & CEO

We are pleased to present the financial results briefing materials for QD Laser, Inc. for the third quarter of the fiscal year ending March 2025 (October to December 2024).

The cumulative results up to the third quarter showed sales of 925 million yen and an operating loss of 333 million yen. These results, supported by the robust performance of the Laser Device business, exceeded the initial plan, achieving year-on-year growth in revenue and profit (i.e., a reduction in losses). This marks a turnaround from the revenue and profit declines seen through the second quarter, and we view this as a solid start toward achieving the medium-term business plan announced in November 2024. Losses continue, however, and we will continue our efforts to ensure their elimination.

Additionally, we have revised our full-year forecast upward to 1,271 million yen in sales and an operating loss of 547 million yen. This revision is primarily due to an exceptional NRE (commissioned development) contract related to smart glasses, while our basic policy in the VID business is not to undertake NRE projects.

In our medium-term business plan, we aim to achieve profitability by the fiscal year ending March 2027 and further to sustain and implement growth potential. To expedite the "aggressive" initiatives necessary for the latter, Mr. Kiyoshi Okubo was appointed as Executive Officer and COO (Chief Operating Officer) in January 2025. Mr. Okubo was one of the founding members of QD Laser and served as Executive Vice President for approximately four years from the company's incorporation. Until the end of last year, he was stationed in Silicon Valley, where he was exposed to cutting-edge technologies and industrial transformation. We expect him to leverage his knowledge and experience to elevate our business to a higher level.

Regarding specific initiatives outlined in the medium-term business plan, we will provide updates as soon as they reach a stage where they can be disclosed. While we recognize the importance of speed, we also believe that premature rush should be avoided. We appreciate your understanding and continued support.

Osamu Nagao
President & CEO

Mission

With the power of the semiconductor laser, Expanding the "Can Do" of Humanity.

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What was once thought to be impossible is now a reality;
we have become the only company in the world to successfully
mass produce Quantum Dot LASERs.

02 Business Summary

03 ESG Initiatives

We make the impossible possible, and we also create new "can
do" that doesn't yet exist.

04 Terminology

Our laser technology will enable dramatic improvements in our
ability to process information, support low vision people, eye
health check, and enhance vision, continually pushing the
boundaries of human possibility.

Company Profile

Spin-off venture from Fujitsu.

IPO in February 2021 at TSE Mothers (currently Growth): securities code: 6613

Company Name	QD Laser, Inc.
Foundation	April 24, 2006
Fiscal year-ended	March 31
Representative	Osamu Nagao, President and CEO
Number of Persons *1	47
Location	Headquarters: 1-1 Minamiwatarida-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa
Business	• Semiconductor Laser Device business • Commercialization of state-of-the-art semiconductor lasers for communication, processing, and sensors. • Laser Retinal Projection business • Commercialized the world's first "RETISSA" utilizing laser retinal projection technology • Entrustment, joint development and commercialization of prototypes utilizing our technology and know-how
Licenses	• Class II Marketing License for Medical Devices • Registration of medical equipment manufacturer • ISO 9001 • EN ISO 13485



Osamu Nagao, President &CEO

History of product expansion

Laser Device

Quantum Dot Laser (1300nm etc.)

DFB Laser (1064nm etc.)

High-Power Laser (660nm etc.)

Compact Visible Laser (532nm etc.)

Commercialize world's first optical communication Quantum dot laser

Start mass production of Quantum dot laser for optical wiring

Commercialize DFB laser for precision processing and sensors

Commercialize high-power laser for levels and sensors

Commercialize compact visible laser for biological testing, etc.

Launch the driver built-in unit "Lantana"

Established as a Fujitsu Laboratories spin-off venture

Listed on the TSE Mothers (currently Growth) market

2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024

Visual Information Device

Low Vision Aid

Vision Health Care

Smart Glass

Started shipping the consumer laser retinal projection device "RETISSA® DISPLAY"

Started shipping "Neoviewer"

Launch eye health check service by "Meocheck"

Joint research begins on laser retinal scanning smart glasses

01

Financial Results for FY2024-Q3

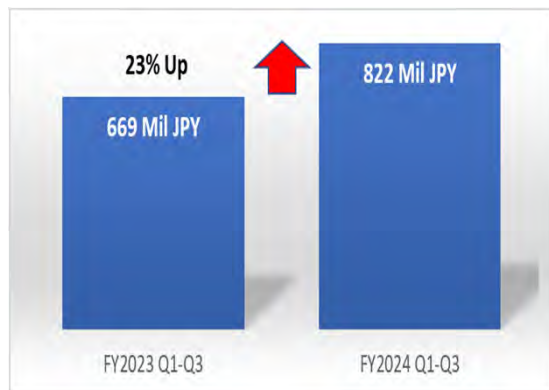
Financial Results Highlights for FY2024-Q3 vs FY2023-Q3

- ① **Laser Device (LD) business sales increased 23% YOY to 822 million yen, Visual Information Device (VID) business sales decreased 56% YOY to 102 million yen, and company-wide sales increased 2% YOY to 925 million yen.**

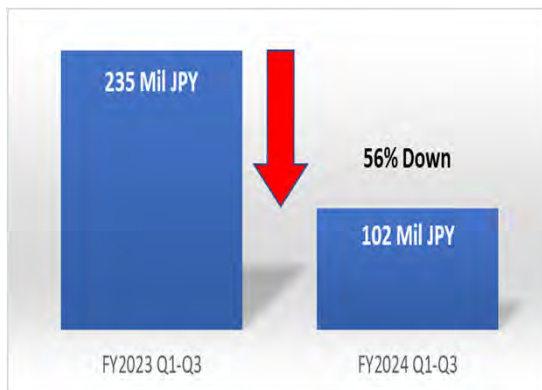
The LD business increased by 23% due to an increase in DFB lasers and compact visible lasers, but a decrease in high-power lasers and quantum dot lasers.

The VID business, although development contracts increased, equipment sales decreased due to the elimination of RETISSA NEOVIEWER sales in the US and MEOCHECK sales in the same period of the previous year, resulting in a 56% decrease.

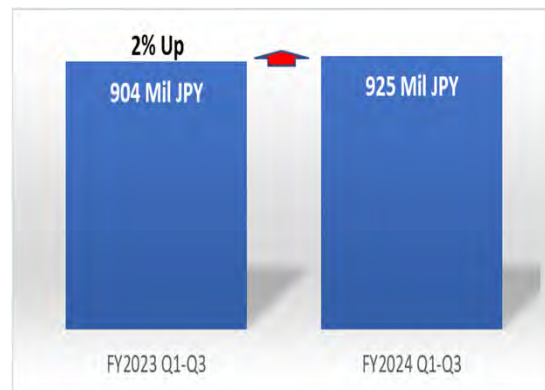
LD sales



VID sales



Company-wide sales



Financial Results Highlights for FY2024-Q3 vs FY2023-Q3

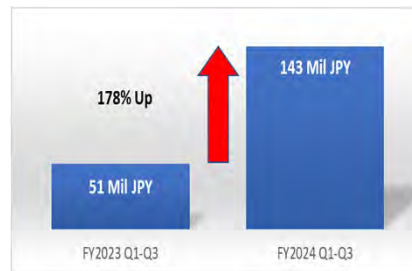
02 Company-wide operating loss improved by 42 million yen (11%) YOY, LD business operating income increased 178% YOY to 143 million yen.

In the LD business, SG&A increased, including personnel costs and recruitment fees due to increased staff, brokerage fees for relocating new locations, and development costs, but the increase in gross profit exceeded the increase in SG&A, resulting in operating income of 143 million yen, an increase of 178% YOY.

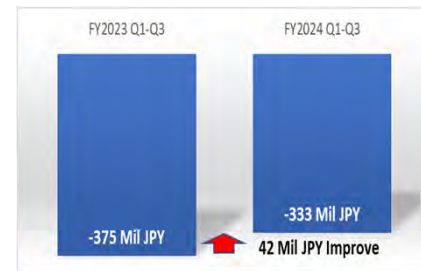
In the VID business, although SG&A decreased, gross profit decreased significantly due to lower sales and inventory write-downs in the previous quarter, and operating loss worsened by 51 million yen YOY to 268 million yen.

As a result, company-wide operating loss improved by 42 million yen YOY to 333 million yen.

LD operating income



Company-wide operating loss



03 Ordinary loss improved by 39 million yen (11%) YOY, quarterly net loss improved by 41 million yen (11%) YOY.

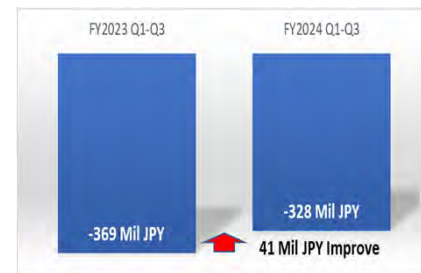
Ordinary loss was 326 million yen, a 39 million yen improvement YOY, which was smaller than the improvement in operating income due to the absence of subsidy and other income that occurred in the same period last year.

Quarterly net loss was 328 million yen, an improvement of 41 million yen YOY.

Ordinary loss



Net loss



Financial Results Highlights for FY2024-Q3 vs FY2023-Q3

Sales increased and losses decreased compared to the same period last year

Sales increased 23% YOY in the LD business, decreased 56% YOY in the VID business, and increased 2% YOY for the company as a whole. Operating income in the LD business increased 178% YOY to 143 million yen, and in the VID business it decreased by 51 million yen compared to the same period last year. Companywide operating loss improved by 42 million yen (11%) compared to the same period last year.

Performance Summary

(Million JPY)	FY2024 Q1-Q3	FY2023 Q1-Q3	YOY
Sales	925	904	+ 2% (+ 20)
(LD)	822	669	+23%
(VID)	102	235	△56%
Operating Profit or Loss (△)	△333	△375	+42
(LD)	143	51	+91
(VID)	△268	△217	△51
Ordinary Loss (△)	△326	△366	+39
Net Loss (△)	△328	△369	+41



Sales by Product Group

(Million JPY)	FY2024 Q1-Q3	FY2023 Q1-Q3	YOY
DFB Laser	381	279	+37%
Compact Visible Laser	220	135	+63%
High-Power Laser	167	170	△2%
Quantum Dot Laser	53	84	△36%
LD Total	822	669	+23%
Products	27	160	△83%
NRE	72	61	+18%
Health Check Service	2	12	△78%
VID Total	102	235	△56%
Grand Total	925	904	+2%

Balance Sheet

Total assets decreased by 533 million yen due to a decrease in cash and deposits, total liabilities decreased by 201 million yen due to decreases in accounts payable and other accounts payable, and the equity ratio was 95.1% (92.1%^{*1} at the end of the previous fiscal year).

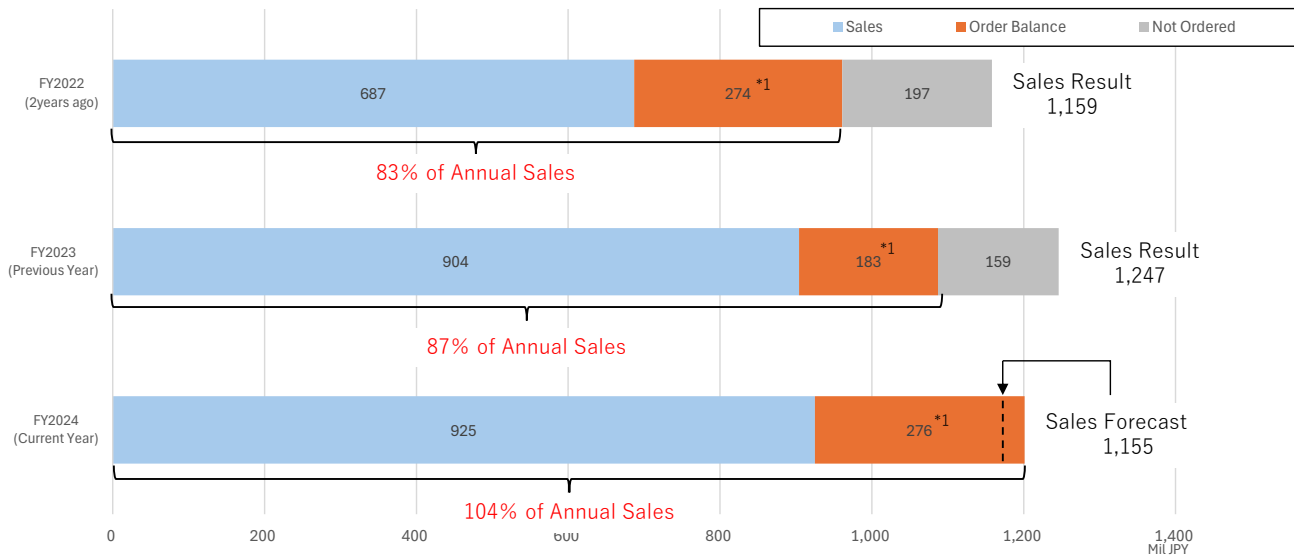
Balance Sheet

(Million JPY)	End of December 2024	End of March 2024	YOY
Current Assets	4,885	5,762	△876
Fixed Assets	727	384	+ 343
Total of Assets	5,612	6,146	△533
Current Liabilities	246	444	△198
Fixed Liabilities	30	34	△3
Total of Liabilities	276	478	△201
Net Assets	5,335	5,667	△332
Total Liabilities and Net Assets	5,612	6,146	△533

Order Status

As of the end of the 3rd quarter, sales + order backlog (planned sales for the fiscal year) amounted to 1,201 million yen, exceeding sales forecast by 4%.

Net sales for FY2024-Q3 and order backlog as of the end of the FY2024-Q3



DFB Lasers^{*1} : Sales in FY2024-Q3

381 million JPY sales, increased by 37% year over year.

Strong orders for our main products of light sources for micromachining and measurement(sensor system) .

- **Micromachining: 178 million JPY sales (47%^{*2})**

Sales increased by 104% YOY due to strong orders for new processing equipment from North America and existing one from China.

- **Measurement(Sensor system): 114 million JPY sales (30%^{*2})**

Sales increased by 82% YOY due to strong orders of light sources for LiDAR in Europe and for sensors in China and North America.

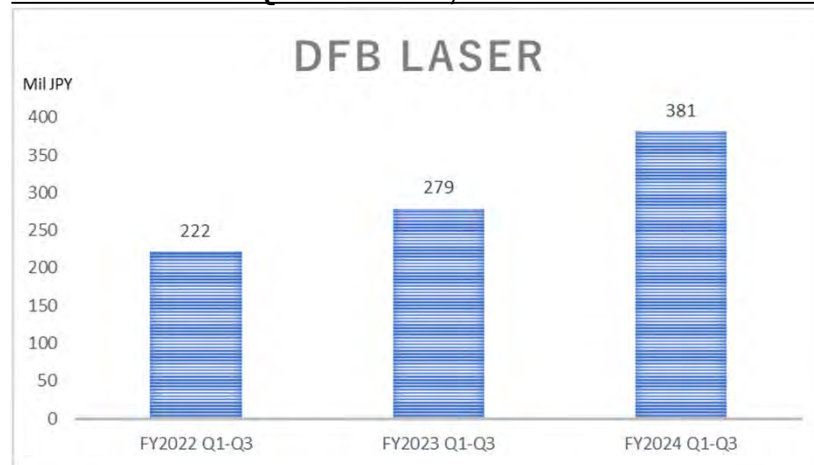
- **Medical equipment: 51 million JPY sales (14%^{*2})**

Sales decreased by 13% YOY. Sales of light sources for medical devices in Europe, which have been on the rise, are steady.

- **Measurement(semiconductor wafer inspection): 32 million JPY sales (8%^{*2})**

Sales decreased by 54% YOY although last fiscal year was strong. On the other hand, mass production certification of light sources for inspection equipment for semiconductor wafer processing in Japanese customer is in progress.

Sales of Q3 in FY2022, 2023 and 2024



DFB lasers
Left : for 15 ps pulsed operation
Right : for 50 ps pulsed,
ns pulsed, and CW operations

Compact Visible Lasers : Sales in FY2024-Q3

220 million JPY sales, increased by 63% year over year.

Orders from our largest customer, which had been sluggish last fiscal year, have returned, and orders have steadily accumulated as forecast.

- **Blood/cell analysis(Flow cytometer/cell sorter^{*1}):**

165 million JPY Sales (75%^{*2})

Sales increased by 150% YOY.

For China biggest customer (Headquarter in North America), sales of light sources for biomedical equipment increased by 100 million JPY YOY due to end of inventory adjustment..

- **Microscope: 51 million JPY sales (23%^{*2})**

Sales decreased by 23% YOY.

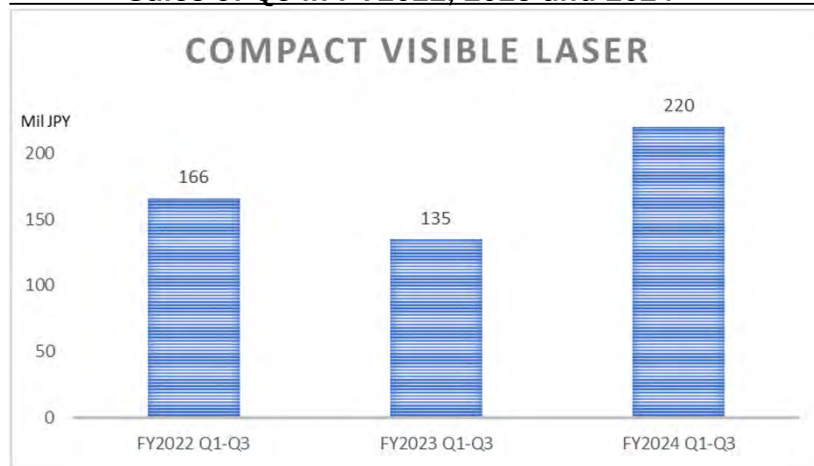
Sales of light sources for a biomedical STED^{*3} microscope decreased by 10 million JPY YOY in Europe.

On the other hand, sales of 12.9 million yen due to samples orders for mass production certification of light sources for biomedical equipment in Japan.

- **Lantana**

Samples rental begins in February 2025, and plan to release improved products in June based on feedback.

Sales of Q3 in FY2022, 2023 and 2024



Compact visible lasers

Left: green,
Middle: yellow-green, and
Right: orange.



High-Power Lasers : Sales in FY2024-Q3

167 million JPY sales, decreased by 2% year over year.

Decreased orders of light sources for sensors, levelers and wafer transfer machines which received many orders last fiscal year.

- **Leveler for construction/DIY and sensor:**

82 million JPY sales (49%^{*1})

Sales increased by 3% YOY. Sales decreased by 5% YOY due to change in laser wavelength of light sources for sensors and levelers in China which accounted for 25% of this category. However, total sales increased due to orders for light sources of Europe sensor manufacture and other customers.

- **Sensor in semiconductor factories: 45 million JPY sales (27%^{*1})**

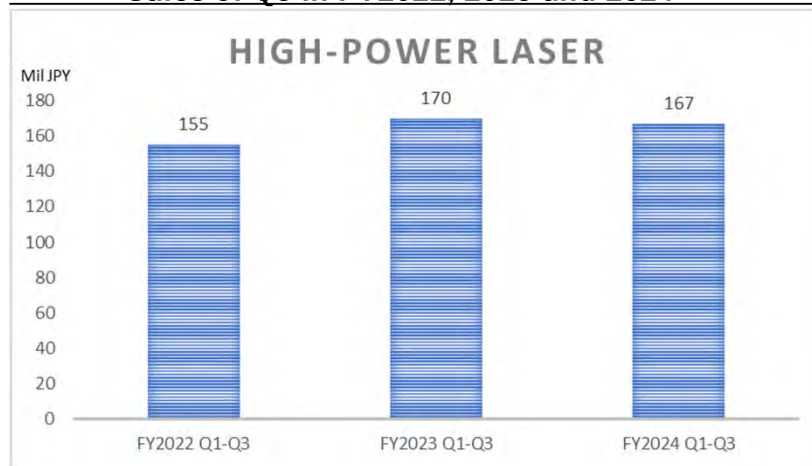
Sales increased by 5% YOY. Sales of light sources for sensors of wafer transfer machines used in semiconductor factories for two companies decreased by 20% YOY due to low orders, which accounted for the majority of sales in this category. However, total sales slightly increased by strong orders for light sources for particle counters, etc.

- **Machine vision and data communication in factories:**

34 million JPY (21%^{*1})

Sales decreased by 22% YOY. Sales of light sources for machine vision increased by 80% YOY in North America, which accounted for the majority of sales in this category. However, sales from other customers are slow.

Sales of Q3 in FY2022, 2023 and 2024



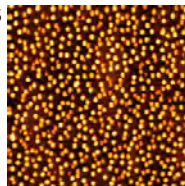
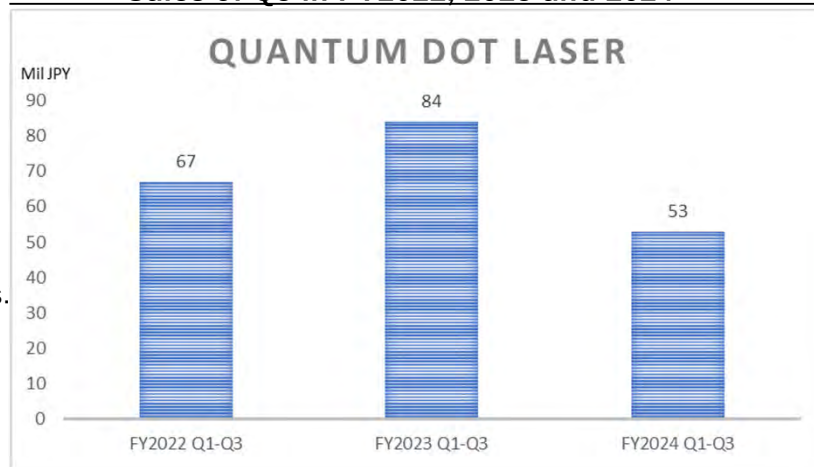
High-power lasers
TO package

Quantum Dot Lasers^{*1} : Sales in FY2024-Q3

53 million JPY sales, decreased by 36% year over year.

- Various progress in research and development aimed at mass production for final products incorporating quantum dot lasers in our customers.
- Working on quantum-dot lasers for silicon photonics with nine customers in Japan, the US, and Europe for applications of optical connector, chip-to-chip communication and LiDAR etc.
- The demand for quantum dot lasers for research and development among our customers is expected to generally remain in line with the previous trend, although there will be fluctuations in the ups and downs.
- Eight universities and research institutes in Japan, North America, Europe and Asia: Inquiries about quantum dot wafers for research. Received five orders and shipment finished by the 3rd quarter of the year. 4 ordered items scheduled to be shipped in the 4th quarter of the year.
- Continue to receive orders and ship wafers etc. for optical connectors and chip-to-chip and chip-to-chip communication
- From a Japanese customer in mass production, 60,000 units were ordered from 2023 to 2024. 42,000 units were already shipped and remaining 18,000 units will be shipped in 4th quarter of FY2024.
- The forecast after 2025 is currently being confirmed.

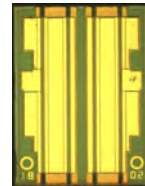
Sales of Q3 in FY2022, 2023 and 2024



Quantum dot



Quantum dot wafer



Quantum dot laser chip

Visual Information Device (VID) : Sales and Progress of the Mid-term Management Plan

102 million JPY sales, decreased by 56% year over year.

●Product and Service Sales (Cumulative Sales of Q3: 29 million JPY)

Based on the Mid-term Management Plan policy, the business has been consolidated into the following four key areas ①Eye health check services using RETISSA MEOCHECK ②Expansion of sales for the handheld visual support device RETISSA ONHAND

③Development, production, and sales support for newly developed third-party visual assistance products ④Provision of core components and technology

- The head mount display RETISSA Display II has been discontinued. The RETISSA NEOVIEWER, a collaborative product with Sony, has achieved its full-year sales target of JPY 21 million, and additional production is currently on hold.

①RETISSA MEOCHECK – Promoting the adoption of the eye health check service in the transportation and logistics industries.

②RETISSA ONHAND – Promoting adoption in public facilities, such as museums and sports venues.

③④Third-party visual assistance products – Progressing negotiations on technology licensing.

●Contract Development (NRE) (Cumulative Sales of Q3: 72 million JPY)

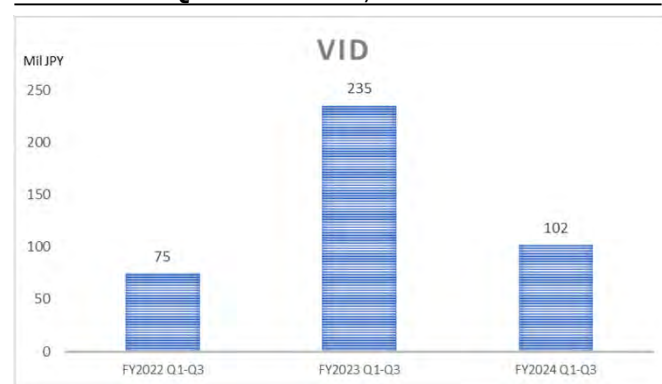
Focusing on the development of next-generation laser retinal projection eyewear (smart glasses), orders worth JPY 62 million were received in the third quarter.

- The Mid-term Management Plan initially set a basic policy of not accepting NRE orders; however, an exception was made to accept projects exceeding JPY 70 million in the fourth quarter.

●Joint business development in the fields of smart glasses and vision health medical applications

- Discussions are ongoing with multiple candidates

Sales of Q3 in FY2022, 2023 and 2024



Earnings forecast revision

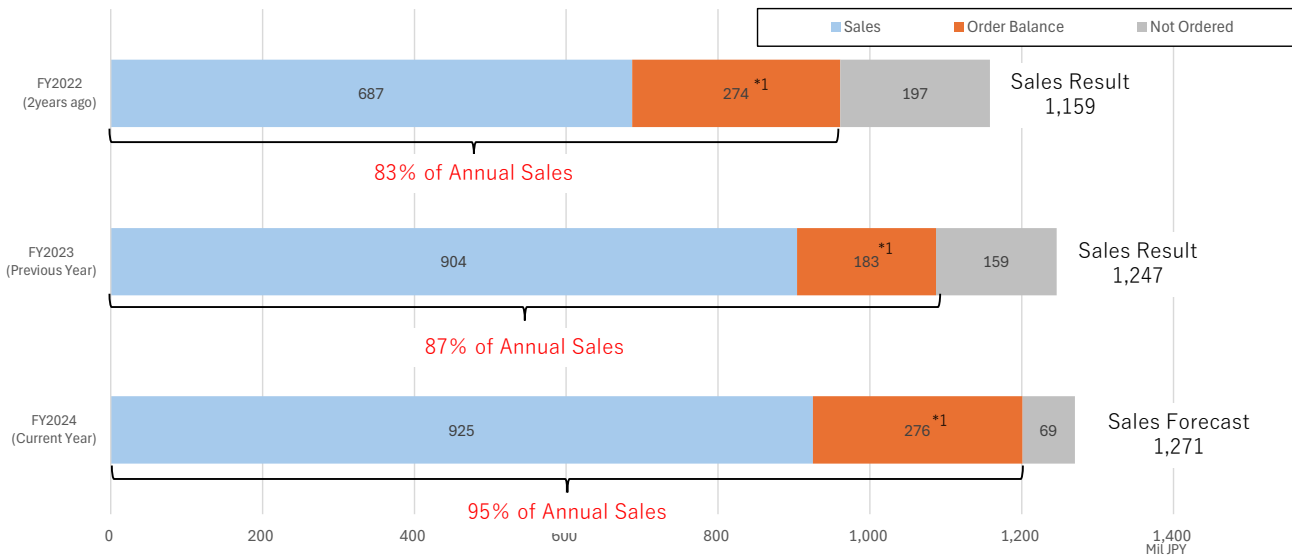
(Million JPY)	FY2024 Forecast(A)	Previous Forecast(B)	(A)-(B)	FY2023 Actual	YOY
Sales	1,271	1,155	+10% (+116)	1,247	+2% (+23)
(LD)	1,102	1,054	+4%	934	+18%
(LEW)	169	100	+69%	312	△46%
Operating Profit or Loss (△)	△547	△605	+58	△604	+56
(LD)	107	83	+24	41	+65
(LEW)	△371	△405	+34	△375	+3
Ordinary Loss (△)	△534	△592	+58	△600	+65
Net Loss (△)	△538	△596	+58	△642	+103

In the medium-term management plan announced on November 14, 2024, we stated that we basically would not undertake development contracts in the VID business, but we received an order for a smart glasses-related project as an exception. Additionally, in the LD business, orders for all products exceeded previous forecasts. We have revised our business forecasts mainly for these reasons.

Order Status (After upward revision of sales forecast)

As of the end of the 3rd quarter, sales + order backlog (planned sales for the fiscal year) amounted to 1,201 million yen, which is equivalent to 95% of the revised sales forecast.*2

Net sales for FY2024-Q3 and order backlog as of the end of the FY2024-Q3



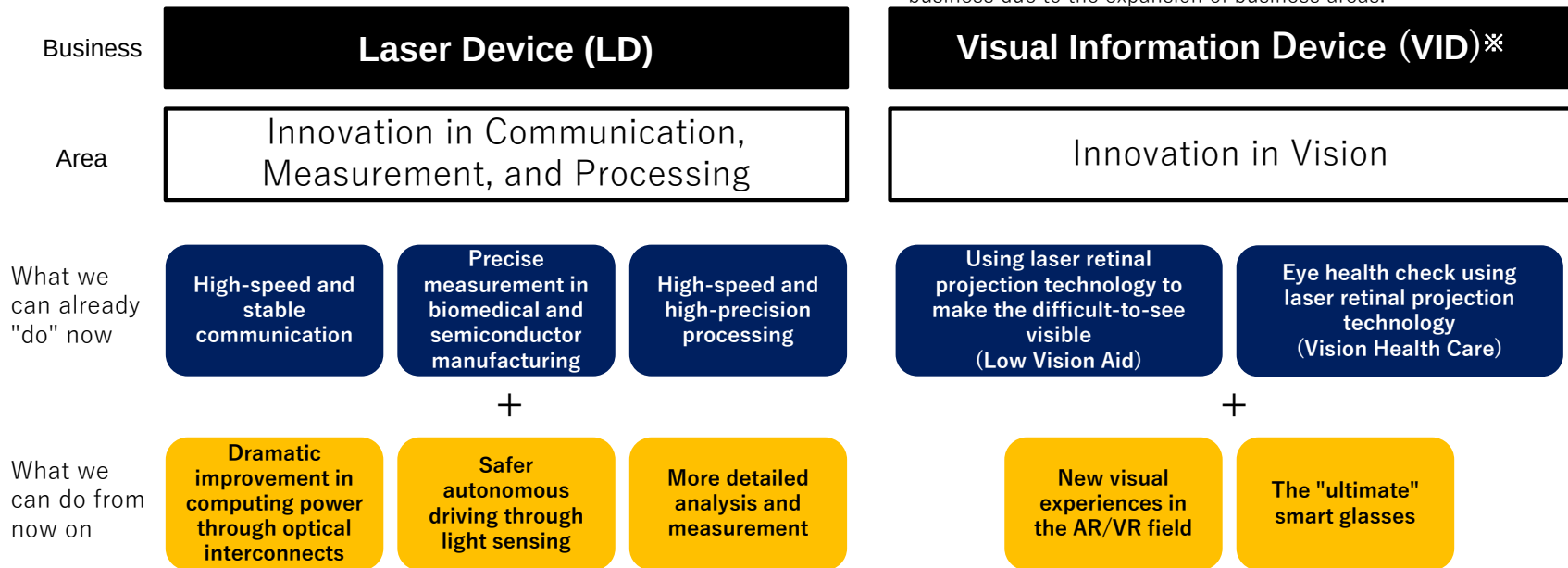
02

Business Summary

Two Businesses to Expand Human Capabilities

Increasing "abilities" with the power of semiconductor lasers, contributing to the improvement of overall human happiness.

*Note: The name has been changed from the Laser Eyewear (LEW) business due to the expansion of business areas.



Our Major Laser Device Products, Wavelengths, Features, and Uses

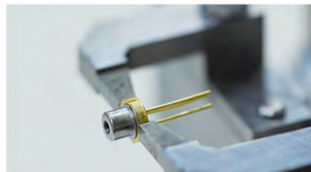
Compact visible lasers

High power laser

DFB laser

Quantum dot laser

Products



Wavelength

532, 561, 594 nm

640-940nm

1030, 1053, 1064, 1080, 1120, 1180nm

1020-1120nm provided 1nm by 1nm

1200-1330nm

Features

- Miniature size, low power consumption, stability, short pulse generation, and high-speed modulation, etc.
- World's first current injection yellow-green and orange lasers

- High power Fabry Perot laser
- Providing products and solutions according to applications.
- Supports various wavelengths, small quantities, and custom production.

- Precise control of wavelength with stable operation under continuous, nanosecond, and picosecond modes.
- High beam quality, small size, lightweight, high electricity-light conversion efficiency, and long life compared to existing solid-state lasers.
- Extensive product lineup that meets the various needs of customers.

- Quantum dots are used for the active layer (light-emitting part) of semiconductor lasers.
- Excellent temperature stability, high-temperature resistance, and low noise performance compared to existing semiconductor lasers.

Use

Measurement

Bio.

Processing

Communication

Silicon photonics

Laser Device (LD) Division: Cases of QD laser product adoption

QD Laser products are integrated into devices that support various industries, contributing to economic activity and the development of various manufacturing industries and businesses that society focuses on.

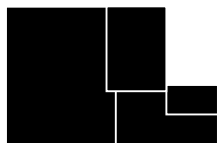
Biomedical

As a light source for inspection and analysis equipment, Contributing to drug discovery and other medical research



Flow cytometer

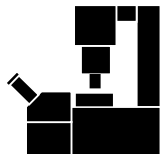
An analytical device for counting cells. Adopted as its light source.



Light source size

1

3



STED Microscope

A microscope capable of observing much smaller objects than conventional microscopes. Adopted as its light source.

Spatial resolution

50nm

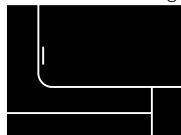
Light source size

1

3

Micromachining

Used in the processing of bodies, electronic board, and substrates of precision electronic devices, contributing to miniaturization and higher functionality of the micromachining apparatus.



Ultrashort-pulse laser processing machine

Capable of fine processing with minimal thermal effects. Adopted as its light source

Maintenance frequency

1

3

Surface roughness

1

4

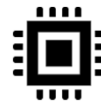
Throughput

X 2^{*1}

By adopting QD laser products, it becomes possible to create small, high-precision, and high-performance devices

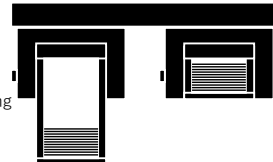
Semiconductor Processing

Incorporated into various manufacturing process equipment, contributing to the entire semiconductor industry



Semiconductor wafer transfer machine

A device for transporting plate-shaped semiconductors. Adopted as a collision prevention sensor



Semiconductor inspection equipment

Inspection equipment to ensure semiconductor quality. Adopted as a sensor to detect abnormalities



Time resolution

15ps

Expected Role of QD Laser, Inc.

Semiconductor Laser History and Our Position in the 3rd Phase

1st phase

Proposals of Scientific Principles and Invention of Laser (1960s)

Laser

A technology used in recording, communication, processing and sensing. Applied in various industries such as medicine, home appliances, automobiles, manufacturing and entertainment.

2nd phase

Invention of Semiconductor Lasers, Building out Optical Communication and the Internet (1995~)

Semiconductor lasers and packaging



Semiconductor laser:

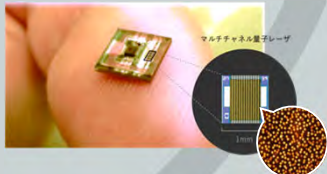
A small element with a length of about 1 mm that causes a laser to oscillate by passing a current through a semiconductor. Compared with other lasers, possesses excellent properties such as ultra-small size, high-speed modulation characteristics reaching several 10s of GHz, high power-to-light conversion efficiency (in several 10s of %), and wavelength controllability, etc.

3rd phase

Accelerating the Integration of Humans and Information(2020s~)

Nanotechnology of QD laser to generate and control laser light

Image of quantum dots taken by an atomic force microscope and a quantum dot laser equipped on fingertip-sized silicon chip as 100Gbps optical transceiver



Quantum Dot Laser:

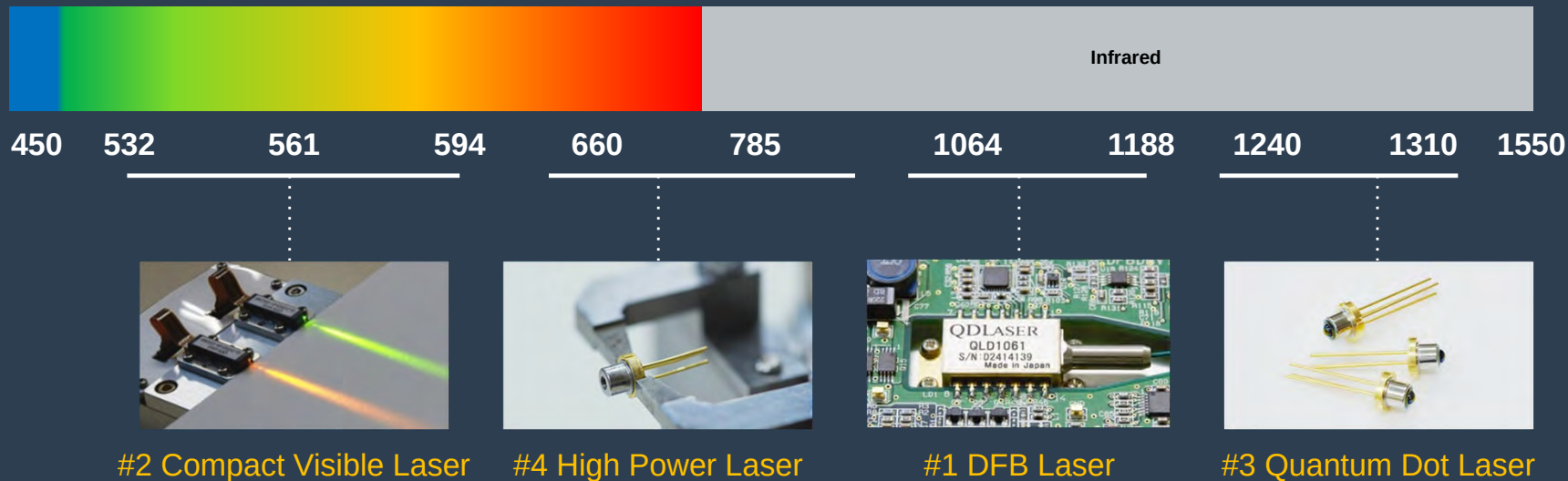
A semiconductor laser adopting a quantum dot structure which has a semiconductor nano-sized microcrystal in its active layer. Compared with existing semiconductor lasers, these lasers are superior in temperature stability, temperature resistance, and low noise.

Fields where our lasers are applied (being Developed or Commercialized)

- 5G base station
- Supercomputer
- Visual Aid
- Smart Glass
- Optical Interconnect
- Facial recognition
- Fundus photography
- Micromachining
- In-Vehicle communication
- LiDAR for autonomous cars
- Biophotonics
- Visual field testing

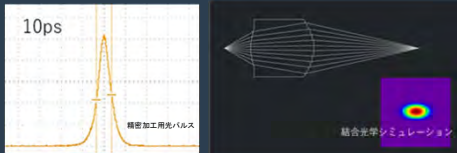
Variations on semiconductor lasers developed and sold by QD Laser

QD Laser provides a wide range of semiconductor lasers with wavelengths suitable for each application



Cutting Edge Semiconductor Laser Technology with Several Unique Features

A technology to design lasers suitable for each use.
World's fastest (10ps)*3 semiconductor laser
for precision material processing
utilizing optical communication technology,



Technology to grow
each atomic layer of semiconductor crystals
on a semiconductor substrate

Succeeded in the mass production of quantum dot lasers with **world's highest operating temperature***¹ and developed **world's smallest silicon-based optical transceiver***²

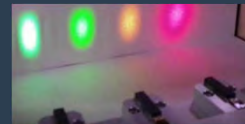


A technology to make DFB lasers ultra compact.
Our yellow/orange laser modules led us
to become one of the finalists at the Prism Awards 2014.



Technology to form periodic refractive index change inside the laser
enabling arbitrary wavelength control.

World's first^{*5} commercialization of yellow/orange semiconductor laser



A technology to project
images directly on the retina
through ultra small laser projectors.
World's First Commercialization*4

*3:
*4:
*5:

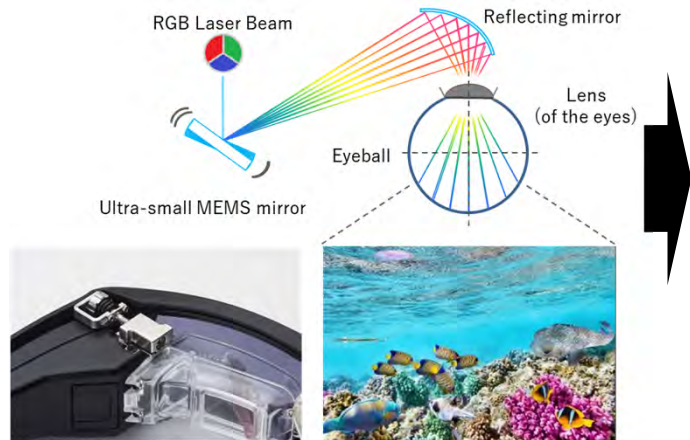
2017 PRISM Award in Industrial Lasers - QD Laser (2nd Feb 2017)
Prism Awards honour photonic innovations at Photonics West 2019
Japan/U.S. PATENT JP5362301/US8896911

Visual Information Device (VID) Division: Business Overview

Technology and products that project images directly onto the retina using lasers, bringing innovation to human vision.

World-leading laser retinal projection technology

VISIRIUM TECHNOLOGY®



Three business areas expanding possibilities:

3. Expanding the visible world Augmented Vision	
Creating the ultimate 'smart glasses' that are indispensable	
2. Extending healthy vision lifespan Vision Health Care	
Ability to provide peace of mind to eye disease patients through eye health check services	
1. Making the hard-to-see visible Low Vision Aid	
Enabling those with low vision to accomplish tasks	

03

ESG Initiatives

Business Development Directly Linked to Sustainability

Using the power of semiconductor lasers to increase what's possible, contributing to the improvement of well-being for all humanity.

[Laser Device Division]

Advanced Sensing Using Laser Light Sources

New inspection methods using laser light sources

Contribution to innovation through data utilization

Accident reduction in advanced autonomous driving



2024 ————— to —————> 2030

[Visual Information Device Division]

Laser Retinal Projection Technology

Early detection of eye diseases using MEOCHECK

Expanding social implementation of low vision aid

Resolving various inconveniences related to vision



2024 ————— to —————> 2030

Contributing to medical examinations and research, extending healthy life expectancy through the development of preventive medicine, and realizing an inclusive society.

The expansion of QD LASER's technology and business directly leads to the realization of a happier society.

04

Terminology

Terminology

Semiconductor laser	A compact device with an approximate length of 1mm that causes laser oscillation by passing an electric current to a semiconductor. In comparison with a solid-state laser or gas laser, more micro-miniature in size; higher speed modulation characteristics up to 10GHz; higher photoelectric conversion efficiency achieving several tens of percent and better controllability of wavelength, among other things. Became widely used in the 1980s as a light source for communication systems and optical recording media, such as CDs and DVDs, etc.
Quantum dot laser (QDL)	A semiconductor laser using a quantum-dot structure comprising nanocrystalline semiconductors in its active layer. QD Laser is the only firm in the world to mass-produce QDLs for optical communications and silicon photonics. In comparison to existing semiconductor lasers, it is superior in temperature stability, high-temperature endurance and low-noise properties.
DFB laser	Distributed Feedback Laser: QD Laser's DFB laser is equipped with a diffraction grating which enables laser oscillation at a single wavelength. It is suitable for applications where the light output needs to be concentrated into a narrow wavelength range, such as the seed light of a fiber laser.
Silicon photonics	A technology which integrates an optical circuit with a silicon electronic circuit that has signal processing and memory functions, thus enabling a breakthrough in the processing capacity limitation of the conventional electronic circuit system (achieving 100 times faster processing speed and lower power consumption) and high-capacity data transmission between LSI chips (10Tb/s).
VISIRIUM technology	A technology that projects images onto the retina using precise optical systems, creating different colors flexibly from the three primary laser light colors - red, green and blue.
Diffraction grating	A technology that freely and precisely controls the wavelength of semiconductor lasers to fit into various applications by forming periodic irregularities inside the laser.
Ultrashort pulse	A laser with a very short pulse width (duration). It is used for microfabrication and other processes as it can prevent shape distortion due to thermal effects.
Compact visible laser	A small module that generates visible light (green, yellow-green, and orange) by combining our unique semiconductor laser and wavelength conversion element.
Retinal projection	To project images onto the retina
Flow cytometer	A device capable of measuring certain properties of cells. By irradiating a cell suspension in a tube with a laser beam, it can measure the number and size of a large volume of cells over a short period of time using fluorescence and scattered light parameters. It is used in various fields including molecular biology, pathology, immunology, plant biology and marine biology.
LiDAR	LiDAR (Light Detection and Ranging) is a technology which irradiates an object and uses a light sensor to detect the reflection to measure the distance. It is expected to be used in autonomous driving systems in the future.

Caution When Reviewing This Document

- The materials and information provided in this presentation include forward-looking statements.
- These statements are based on expectations, forecasts and risk assumptions as of this presentation's publishing, and contain uncertainties that could lead to results that are substantially different from these statements.
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