



## ORIX Rentec Introduces a Spherical Drone and 100 MP Camera in its Drone Photography Service

TOKYO, Japan – August 29, 2019 – ORIX Rentec Corporation (“ORIX Rentec”) today announced the addition of two new items, ELIOS and iXM-100, to the line-up in its drone photography service. ELIOS is a Swiss-made spherical drone that is capable of flying indoors, while iXM-100 is a high-resolution digital camera made in Denmark that can be equipped to drones.

ELIOS is a spherical drone protected by a carbon fiber frame, designed for inspecting indoor spaces. It is able to continue flying even if it collides with walls or obstacles. The drone features a unique flight controller, meaning it can fly in a stable manner in enclosed indoor spaces where GPS signals cannot penetrate. ELIOS enables images to be taken of elevated and confined spaces such as chimneys and the insides of boilers, the ceilings of theaters and factories, and amusement park rides.

The iXM-100 is an ultra-high-resolution digital camera equipped with a 100 mega-pixel sensor. The camera features high-sensitivity, low-noise, and zero-distortion, making it capable of capturing high-resolution images on which, even when enlarged, details can clearly be seen; indeed, cracks measuring just 0.2 millimeters can be seen on images taken of objects circa 40 meters away at most. When equipped to a drone, the iXM-100 can also capture wide-range images.



Image of indoor inspection using ELIOS

ORIX Rentec’s inspection service provides photography of areas of infrastructure and various types of facilities to be inspected. The introduction of a spherical drone enables indoor facilities to be photographed, while the use of drones also reduces time and effort and scaffolding installation costs by providing visual inspections. In this way, the service supports the safe and rapid inspection work of the company’s customers. The company also rents out a variety of drones and high-precision, high-resolution cameras individually.

ORIX Rentec launched its drone business in March 2017 and provides sales and rental of various types of drones. It also offers a Drone Training School which helps operators to learn drone maneuvering skills and an agency service for making applications to the Ministry of Land, Infrastructure, Transport and Tourism for permission to fly a drone.

Going forward, ORIX Rentec will continue to provide services for using drones and thereby contribute to the resolution of customers’ problems.

■ Outline of Products

Product name	ELIOS
Manufacturer	Flyability SA
Sphere size	40cm in diameter
Drone weight	700g
Wind resistance	Max. 5m/s (in pro mode)
Communications range	500m
LEDs	9-level adjustable (max. 28w)
Video resolution	1920x1080 pixels
Field of view	Horizontal: 130° Vertical: 75°



ELIOS spherical drone

Product name	iXM-100
Manufacturer	Phase One A/S
Resolution	100 MP (11664x8750)
Pixel size	3.76μm
Capture rate	3fps
Weight	630g (excluding lens)



Ultra-high-resolution camera iXM-100 equipped with AF 150mm lens

iXM-100 can be used separately or equipped to ORIX Rentec's rental drones; however, it cannot be equipped to ELIOS.

■ Outline of Service

Service name	Fee (excluding consumption tax)	Service content
Drone Photography Service	From 600,000 yen	Set fee for photography equipment Photographing work carried out by dedicated operators
For a single day's photographing (8 hours, including travel) Travel expenses for dedicated operators and other fees may apply, depending on the circumstances Details will be included on the specifications form, and submitted in advance		



Rental charges for equipment rental alone (for five days' rental):  
 "ELIOS Standard Set": 220,500 yen (excluding consumption tax and shipping fees)  
 "iXM-100 Lens Kit": 343,000 yen (excluding consumption tax and shipping fees)

**Contact Information:**

ORIX Corporation  
 Corporate Planning Department  
 Tel: +81-3-3435-3121

**About ORIX:**

ORIX Corporation (TSE: 8591; NYSE: IX) is a financial services group which provides innovative products and services to its customers by constantly pursuing new businesses.

Established in 1964, from its start in the leasing business, ORIX has advanced into neighboring fields and at present has expanded into lending, investment, life insurance, banking, asset management, automobile related, real estate and environment and energy related businesses. Since entering Hong Kong in 1971, ORIX has spread its businesses globally by establishing locations in 37 countries and regions across the world.

Going forward, ORIX intends to utilize its strengths and expertise, which generate new value, to establish an independent ORIX business model that continues to evolve perpetually. In this way, ORIX will engage in business activities that instill vitality in its companies and workforce, and thereby contribute to society. For more details, please visit our website: <https://www.orix.co.jp/grp/en/>

(As of March 31, 2019)

**Caution Concerning Forward Looking Statements:**

These documents May contain forward-looking statements about expected future events and financial results that involve risks and uncertainties. Such statements are based on our current expectations and are subject to uncertainties and risks that could cause actual results that differ materially from those described in the forward-looking statements. Factors that could cause such a difference include, but are not limited to, those described under “Risk Factors” in the Company’s annual report on Form 20-F filed with the United States Securities and Exchange Commission and under “(4) Risk Factors” of the “1. Summary of Consolidated Financial Results” of the “Consolidated Financial Results April 1, 2018 – March 31, 2019.”