

Oman s intelligent optical transmitter



Overview

Equipped with AI computing capabilities, OL-1 satellite is now fully prepared to capture and analyse high-resolution images in real time, as an optical satellite because its advanced sensors enable it to collect detailed images of Oman's landscapes, infrastructure and natural. Equipped with AI computing capabilities, OL-1 satellite is now fully prepared to capture and analyse high-resolution images in real time, as an optical satellite because its advanced sensors enable it to collect detailed images of Oman's landscapes, infrastructure and natural. The Sultanate of Oman, represented by the Oman Lens company, has launched its first satellite registered with the International Telecommunication Union (ITU). The satellite is dedicated to remote sensing and Earth observation technologies enhanced with artificial intelligence (AI). The successful. Muscat: Represented by "Oman Lens" company, the Sultanate of Oman has launched its first full-fledged Omani satellite registered under its name at the International Telecommunication Organization (ITU). VISION Aerospace Group, the first Chinese private aerospace firm to deliver a complete satellite and ground system to a foreign state (Foreign Ministry of Oman 2024).



Article Content

About - Oman Fiber Optic

From the outset, Oman Fiber Optic set out to enhance the digital landscape of Oman and the wider region by delivering reliable,

Oman's first satellite OL-1 marks new era in space tech

Oman's first optical satellite with AI computing capabilities, it is the foundation of a planned constellation of satellites

Oman launches first satellite "OL-1"

Muscat: Omani space-tech startup Oman Lens announced that it launched the first satellite yesterday, November 11,

Oman launches its first satellite with advanced remote sensing and AI ...

With the launch of the satellite, Oman Lens can provide actionable data at high speed to both the public and private

Omantel and Ciena Collaborate to Serve the Digital Backbone of Oman's ...

Muscat, Sultanate of Oman - 17 November 2025: Omantel has launched its new Managed Optical Fibre Network

Launch of OL-1 satellite heralds Oman's entry into space race

The Sultanate of Oman, represented by the Oman Lens company, has launched its first satellite registered with the

Oman launches its first Satellite OL-1

With the successful launch of this satellite "OL-1", the Sultanate of Oman officially joins the field of space technology.

OMAN LENS

Design and Launch the 1st Intelligent Satellite Constellation for Oman Oman Lens is a Homegrown Satellite & AI Company Based in

Oman enters the Space Age with AI-powered Satellite "OL-1"

The OL-1 satellite is equipped with artificial intelligence computing capabilities, to be an effective tool for capturing and analysing high

Oman's first AI-powered satellite carries Sultanate's flag

Oman's first AI-powered satellite, the OL-1, made history by carrying the Sultanate's flag

Oman marks milestone with launch of First AI-Powered Satellite OL-1

With the successful launch of this satellite, the Sultanate officially joins the field of space technology, and it is the first advanced

Oman Airports and Huawei Launch Region's First Intelligent Campus ...

On the 20th of October, Oman Airports, in partnership with Huawei, inaugurated the region's first Smart Airport Showcase at Muscat

Robust high-capacity free-space optical communication using ...

Article Open access Published: 26 February 2026 Robust high-capacity free-space optical communication using OAM

The Story of OL-1 How China Helped Build Oman's first AI-powered ...

This project examines the people, technologies, and politics behind OL-1 by treating it as part of both China and

Oman launches its first satellite into space

LONDON: Omani space startup Oman Lens launched the country's first full-fledged satellite, which will enable Muscat

Optronics dealers, suppliers, distributors, agents in Muscat, Oman ...

Get Optronics brand products supplier, dealer, distributor, agent information in Muscat, Oman from Omaninfopages. Oman's leading

Three landmark projects to drive Oman's digital growth

Oman unveils AI Zone, Green AI Alliance and Digital Triangle Project at COMEX 2025 to

“Oman AI & Digital Future Program (2024–2026)” | MTCIT

The National Program reflects Oman's commitment to adopting the latest digital

Enabling ICT talents to support Oman's digitally-driven future

The e.Oman 2030 strategy lays down the foundations for the Sultanate of Oman's digitally-driven future. The ambitious

Oman Launches its First Satellite for Remote Sensing,

With the successful launch of this satellite “OL-1”, the Sultanate of Oman officially joins the

Oman enters the Space Age with AI-powered Satellite "OL-1"

With the satellite, “ Oman Lens ” can provide data in an actionable manner at high speed to the public and private sectors, enhancing

Sensors and Transmitters Suppliers in Oman: 10 Best

Their sensors and transmitters are engineered to deliver exceptional performance in the harshest

Huawei Launches Smart Airport Solutions at Oman Exhibition

Huawei made a significant debut during the inaugural Airports Innovate Exhibition in Muscat, Oman, held from

Oman launches its first satellite with advanced remote

Muscat – The satellite is equipped with cutting-edge remote sensing and Earth observation

OMAN LENS

Oman First-ever Satellite Constellation Program Oman Lens Aims to Launch a Constellation of Multiple Intelligent Satellites within

Boost to Oman's artificial intelligence drives economic diversification

This network, set to launch commercially in 2025, will establish Oman as a connectivity centre linking Europe, the Gulf and the Indian

Partnership aims to introduce laser communications

Omantel and Archangel Lightworks have partnered to trial and deploy laser-optic satellite

OMAN LENS

EARTH OBSERVATION Real-time Data Anywhere on Earth, Whenever You Need It
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Contact Us

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