

Largest single-mirror optical telescope in Japan, measuring 2.0 meters and utilizing Subaru Telescope technology

Registration No.	Number 00393		
Registration Date	18 September 2025	Registration Category	Category 2
Name (Model, etc.)	Nayuta Telescope		
Location	Sayo Town, Sayo District, Hyogo Prefecture, Japan		
	University of Hyogo, Institute of Natural and Environmental Sciences, Astronomical Science Center, Nichi-Harima Astronomical Observatory		
Owner (Custodian)	University of Hyogo, Institute of Natural and Environmental Sciences, Astronomical Science Center, Nichi-Harima Astronomical Observatory		
Manufacturer (Company)	Mitsubishi Electric Corporation		
Year Manufactured	2004		
Year first appeared	2004		
Reason For Selection	<p>This item is an optical telescope. It uses 12 of the 17 key technologies employed in the Subaru Telescope and underwent a process of size and cost reduction. At 2.0 meters, it is the largest optical telescope with a single-mirror structure in Japan. It is also known as Mini Subaru, and has achieved international recognition for its results in scientific observation, such as discovering a double circumstellar disc in 2006. It is also used to test observation devices for Subaru and other telescopes. Furthermore, it is important because it contributes in many different ways, such as serving as a public observatory with the world's largest telescope equipped with visual observation devices that are usable by the general public.</p>		
Registration Criteria	<p>1-A (Shows an important aspect or stage in the development of science and technology.) 1-B (Shows a uniquely Japanese scientific or technological development from an international perspective.)</p>		
Open/Closed to the Public	Open to the Public		
Photos			