

World's First Large-Scale Spherical OLED Screen

Written by Bob Snyder
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Mitsubishi Electric installs 6-metre diameter OLED globe at a science museum: this Diamond Vision OLED *Geo-Cosmos* display is **the world's first spherical OLED screen**.

Installed at the *National Museum of Emerging Science and Innovation* in Tokyo, the OLED *Geo-Cosmos* display will be unveiled on June 11th.

Hanging 18 metres from the floor, the globe is an aluminum sphere covered with 10,362 OLED panels, each measuring 96 x 96 millimetres.

Mitsubishi Electric used its scalable OLED technologies to create the globe, which replaces a previous globe of LEDs, to commemorate the museum's 10th anniversary. The globe will display scenes of clouds and other visions of the earth taken from a meteorological satellite. The display delivers a resolution of more than 10 million pixels, about 10X greater than that of the legacy LED display.

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In addition to Mitsubishi Electric, which created the OLED system, three other companies helped to make the OLED Geo-Cosmos display: Dentsu undertook project planning, Go and Partners developed the image-processing and transmission system, and GK Tech Inc. created the spheroid design.

Go [Mitsubishi Electric's Diamond Vision OLED system](#)

Go [Geo-Cosmos photo enlarged](#)