

March 19th, 2026
Alps Alpine Co., Ltd.

Recipient of the Technology Award from the Imaging Society of Japan
- Our on-demand decorative printing technology, which achieves both metallic gloss and light/radio-wave transparency, has been highly recognized -

Alps Alpine Co., Ltd. (Headquartered in Ota-ku, Tokyo; President & CEO) is pleased to announce that our on-demand decorative printing technology— which combines metallic appearance using non-conductive metallic ink with excellent light and radio-wave transparency—has been awarded the "Technology Award" by the Imaging Society of Japan.

The Technology Award recognizes technologies with outstanding originality and practicality. Only up to three awards are granted per year, making it one of the most prestigious honors within the Society. This marks the third time Alps Alpine has received the award, following previous recognitions in 1996 and 2009.



Printed sample combining metallic gloss and light transmittance

Key Features of the Awarded Technology

- Achieves metallic gloss while maintaining controllable transparency

By controlling film thickness, indium-based non-conductive metallic ink forms an island-like structure, enabling metallic appearance while allowing light transmission for stealth display applications.

- Compatible with capacitive touch sensors and millimeter-wave systems

Despite having a metallic appearance, the structure is non-conductive, allowing compatibility with capacitive touch sensors and millimeter-wave radar.

- Reduces environmental impact through on-demand printing

Only the required amount of material is printed, significantly reducing environmental load compared to plating or vacuum deposition processes. No harmful chemicals are used, contributing to worker safety and water environment protection.

Future outlook

While the technology has been used primarily for automotive interiors, it is expected to expand into home appliances, housing equipment, interior décor, gaming devices, and other markets.

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