

August 27, 2025

ACSL Ltd.

**U.S. subsidiary ACSL, Inc. Launched New TAITEN Smart Controller for U.S. Market, and Announced Upgraded SAMO Thermal Camera Payload for SOTEN and Official Entry into Thermal by FLIR® Program**

- U.S. subsidiary ACSL, Inc. announced the launch of its new NDAA-compliant smart controller, TAITEN, function upgrades to SAMO thermal camera payload for SOTEN, and official collaboration with “Thermal by FLIR®” Program.
- ACSL group is working on product development to meet the needs of the US market, and is further accelerating sales and market development in the US.

ACSL Ltd. (ACSL) hereby announces that U.S. subsidiary ACSL, Inc. announced the launch of its new NDAA-compliant smart controller, TAITEN, upgrades to its advanced SAMO thermal camera payload for SOTEN, and official collaboration with Teledyne FLIR LLC's “Thermal by FLIR®” Program on August 26, 2025, local time.



TAITEN Smart Controller

### ■ New NDAA-Compliant TAITEN Smart Controller

TAITEN, ACSL's all-new NDAA-compliant smart controller, is purpose-built for real-world operations. It features a high-resolution 7" built-in display with 1500 nits of brightness and a rugged, IP54-rated weather-resistant design. Additional highlights include HDMI output, customizable function buttons, and full compatibility with SOTEN. Designed from the ground up with field operators in mind, TAITEN offers exceptional clarity, durability, and control. The new controller will be available in September through ACSL's nationwide network of dealers in the U.S.



TAITEN Smart Controller

### ■ “Thermal by FLIR®” Program

ACSL, Inc.'s entry into the Thermal by FLIR® Program marks a major milestone in the company's ongoing expansion into the U.S. market. The program, developed by Teledyne FLIR OEM, OEM Division of Teledyne FLIR LLC, supports OEM companies that use Teledyne FLIR thermal camera modules with seamless integration of thermal camera modules in their manufacturing processes and provides joint go-to-market support for new technologies. Both companies are collaborating on next-generation solutions that integrate ACSL's drones with FLIR's latest thermal modules and Prism ISP technology.

### ■ Upgrades to the SAMO Thermal Camera Payload for SOTEN

SAMO is a swappable, NDAA-compliant thermal payload for SOTEN developed for the U.S. market. It features an integrated International Traffic in Arms (ITAR)-free dual thermal-visible Teledyne FLIR OEM Hadron™ 640R camera module, which combines a 64MP visible camera with the 640x512 Boson® radiometric thermal camera module. Recent upgrades include a new 20X zoom functionality, and as part of the FLIR collaboration, SAMO will gain MSX® (Multi-Spectral Dynamic Imaging) compatibility by year's end. MSX technology combines sharp edge detail from the visible camera with thermal imagery for enhanced context and operational insight.



MSX® (Multi-Spectral Dynamic Imaging)



SAMO Thermal Camera Payload for SOTEN

**Teledyne FLIR OEM Vice President of Product Management Mike Walters's Comments**

"ACSL is an exciting addition to the Thermal by FLIR program. Our program accelerates the path from development to deployment, putting advanced thermal capabilities, like ACSL's SAMO payload, into the hands of operators more efficiently. We're looking forward to collaborating with ACSL on the next wave of drone innovation."

**ACSL, Inc. CEO Cynthia Huang's Comments**

"This is a big moment for ACSL. The launch of TAITEN, upgrades to our SAMO thermal payload, and our official entry into the Thermal by FLIR Program underscore our commitment to advancing mission-ready drone solutions. FLIR's expertise in thermal imaging and their shared focus on security make them a critical partner as adoption of ACSL systems continues to accelerate."

ACSL, Inc. will be showcasing the TAITEN Smart Controller, SOTEN drone, and the SAMO thermal payload at Commercial UAV Expo 2025, taking place in Las Vegas on September 2–4.

The ACSL Group will continue to accelerate its sales and market development efforts in the U.S. market.

## ■About ACSL, Inc.

Name : ACSL, Inc.

Location : 710 Lakeway Drive, Suite 200, Sunnyvale, CA 94085

Representative : President Cynthia Huang

Business: Sales of ACSL's industrial drones in the U.S. market, etc.

Shareholder : ACSL Ltd. 100%

Website : <https://acsl-usa.com/>

## ACSL Ltd.

ACSL develops, manufactures, and commercializes industrial drones in order to realize labor-saving unmanned operations in industrial applications. ACSL's core technology is in its proprietary autonomous control technology and industrial drones equipped with image processing and AI edge computing technology. ACSL drones are already used in a variety of applications such as infrastructure inspection, postal delivery and logistics, and disaster prevention.

For more information visit <https://www.acsl.co.jp/en/> .

## *Attention*

*This document is an unofficial translation of the timely disclosure on August 27, 2025 by ACSL and this is for reference purpose only. In case of a discrepancy between the English and Japanese versions, the Japanese original shall prevail.*