

VISION-ENHANCED FIRE CONTROL SYSTEM

TAIPAN



FIRST-SHOT ACCURACY



CAT I TARGETING



FULL MISSION AWARENESS



WEAPON & MUNITION AGNOSTIC

Fire Control Built for the Tactical Edge

Taipan is a vision-enhanced Fire Control System that combines day/night electro-optical sensing, laser rangefinding, inertial stabilization and mission planning connectivity to improve first-shot accuracy, enable CAT I targeting and support faster engagement at the tactical edge.



OPERATIONAL BENEFITS

First-Shot Accuracy

Improves engagement accuracy by combining electro-optical sensing, laser rangefinding, inertial stabilization and ballistic computation into a streamlined fire-control workflow.

Full Mission Awareness

Integrates mission data, GeoData and AR capabilities into the fire-control workflow, creating a unified operational language from planning to engagement.

CAT I Targeting

Enables high-accuracy target generation and faster target handoff across connected tactical systems, supporting precise engagement in complex operational environments.

Weapon & Munition Agnostic

Supports multiple weapons, mounts and munition types through a software-driven architecture with ballistic corrections installed as configurable plugins.

TECHNICAL SPECIFICATIONS

Taipan SR – Tactical	Taipan LR – Large Weapon Systems
IR Sensor / HFOV: 320p, 12μ / 16°	IR Sensor / HFOV: 640p, 12μ / 18°
CMOS Sensor / HFOV: Color 2Mp / 32°	CMOS Sensor / HFOV: Color 5Mp / 22°
LRF: 905nm / 600m	LRF: 1550nm / 2,500m
Display: OLED / 800×600	Display: OLED / 1280×1024
Weight: 600g / 21oz	Weight: 680g / 24oz
Power: Internal battery / external 5–18V	Power: Internal battery / external 5–18V

Powered by GeoFusion™

Asio's GeoFusion™ enables transformation between GeoData and real-time imagery, creating a common language that connects forces and platforms across the operational environment.

