



AUTONOMOUS
INTELLIGENT
DEPENDABLE
FOR A SAFER TOMORROW



EDGE 4.0
trinetra

www.sanhsystems.com



Own Customised GCS *Features*

Advanced PIP Mode

Simultaneously monitor multiple visual/thermal feeds.

Live Video Streaming

Option to stream mission footage from the field to a remote server.

Integrated Thermal Control

Full thermal and Visual camera control directly from the GCS.

Intelligent GCS by SANH

Unified control, monitoring, alerts and mission management.

Built for Real Missions

Engineered for industrial safety, critical infrastructure inspection and defence surveillance.

Precision Gimbal Control

Complete pan/tilt and payload control from the ground station.

Red-Zone Flight Alerts

Real-time warnings for restricted/red-zone flying.

Key Features



40+ Minutes Reliable Flight Time
Extended endurance for uninterrupted missions.



Extreme Environment Ready
Operational from -20°C to $+50^{\circ}\text{C}$.



Rapid Deploy & Fly
Fold, connect, power up and fly in minutes.



Compact Foldable Design
Requires minimal take-off and deployment space



Industrial-Grade Construction
Built for demanding field operations and harsh terrain.



All-Terrain Performance
Designed for reliable operation across challenging environments.



Modular Payload System
Quick-swap payloads for mission-specific configurations.



Omnidirectional LiDAR
Advanced 360° environmental awareness and obstacle detection.



AI Target Lock & Tracking
Intelligent target acquisition, locking and continuous tracking.



Drone Follow Mode
Autonomously follow and maintain visual tracking of designated targets.



Edge AI Intelligence
AI detection for PPE compliance, safety violations and industrial hazards.



Real-Time Violation Alerts
Instant alerts for detected safety and operational violations.



3-Axis Stabilized Gimbal
Precision imaging and mission control from the GCS.



30x Digital Zoom EO Camera
Detailed long-range visible-light surveillance.



2K HD Imaging & Recording
High-definition photography and onboard mission recording.



640x Thermal Imaging
High-resolution thermal awareness for day/night operations.



1000 m Laser Range Finder
Accurate long-range distance measurement.



Dual-RTK GPS
Centimetre-level positioning accuracy for precision missions.



60min

FLIGHT TIME

MISSION-READY | INTELLIGENT | BUILT FOR THE EXTREME.



30x

DIGITAL ZOOM
EO CAMERA



2K

HD IMAGING &
RECORDING



640x

THERMAL IMAGING



1000m

LASER RANGE FINDER

SANH SYSTEM PVT. LTD.

109, Rajhans Montessa, Dumas Rd., Nr. Airport, Surat, Gujarat 395007

☎ info@coreehs.com 🌐 www.coreehs.com ☎ +91 72929 29159

MADE IN INDIA