

GLADIUS 29™

MULTI-MISSION ISR & FIRE RESPONSE CATAMARAN

PROTECT. DETECT.
RESPOND.

EXTENDED RANGE ISR PLATFORM

-  500 GALLONS FUEL CAPACITY
Twin 250 Gal Tanks
-  TWIN YAMAHA 300 HP
High Performance. Reliable.
-  FLIR EO/IR & MARINE RADAR
360° Situational Awareness
-  REMOTE FIRE MONITOR
Rapid Response Capability
-  OPEN ARCHITECTURE
Mission Systems Integration

MARITIME DOMAIN AWARENESS



- FLIR EO/IR
- Marine Radar
- AIS & Vessel Tracking
- Camera Analytics
- Persistent Surveillance

FIRE RESPONSE



- High-Capacity Fire Pump
- Remote Fire Monitor
- Rapid Response
- Facility Protection
- Vessel Firefighting Support

PORT SECURITY



- Boarding & Interdiction
- Perimeter Patrol
- Critical Infrastructure Protection
- Force Multiplier
- 24/7 Operations



ISR
Intelligence



FIRE RESPONSE
Protection



PORT SECURITY
Safety



CRITICAL INFRASTRUCTURE
Resilience

DESIGNED FOR PORTS, LNG FACILITIES, NAVAL INSTALLATIONS & CRITICAL INFRASTRUCTURE

PLATFORM OVERVIEW

PORT PROFILE



ELEVATED OVERVIEW



STERN QUARTER VIEW



PRINCIPAL CHARACTERISTICS

LENGTH OVERALL	29 ft
BEAM	10 ft
HULL TYPE	Aluminum Catamaran
PROPULSION	Twin Yamaha 300 HP
FUEL CAPACITY	500 Gallons (2 x 250 Gal)
MAX SPEED (EST.)	45+ Knots
CRUISE SPEED (EST.)	28-35 Knots
MISSION ARCHITECTURE	Open Architecture
AUTONOMY	Third-Party Compatible
FIRE MONITOR	Remote Controlled
CONSTRUCTION	Welded Marine Aluminum
CREW	2-4 (Typical)
PAYLOAD	Mission Configurable

MISSION EQUIPMENT



SENSORS

- FLIR EO/IR Camera
- Marine Radar
- AIS
- Day/Night Cameras
- Navigation Suite



COMMUNICATIONS

- Starlink
- LTE / 5G
- Secure Data Links
- Mesh Networking



FIRE RESPONSE

- High-Capacity Fire Pump
- Remote Fire Monitor
- Facility Protection Capability



OPEN ARCHITECTURE

- Third-Party Autonomy Compatible
- Modular Payload Integration
- Mission System Expansion
- Customer-Selected Software

NIGHT ISR OPERATIONS



FLIR EO/IR
Enhanced Visibility
24/7 Operations

SCALABLE PORT PROTECTION



Multiple GLADIUS 29 Vessels
Force Multiplier
Complete Coverage