

Bomb Disposal Suit Series

Professional Personal Protection System for High-Risk Operations



The Bomb Disposal Suit Series is designed for explosive disposal, hazardous area response, and critical security operations.

Combining advanced protection capability, intelligent communication systems, and ergonomic mobility, the suit provides enhanced operator safety and operational efficiency in demanding environments.

Suitable for:

- Explosive disposal operations
- Public safety missions
- Hazardous area response
- Emergency operations
- Major event security
- Industrial hazard environments

PRODUCT OVERVIEW

The Bomb Disposal Suit Series adopts a modular protection architecture optimized for blast impact, fragmentation resistance, thermal hazards, and demanding operational environments.

Integrated capabilities include:

- Advanced protection structure
- Wired & wireless communication
- Integrated lighting & camera system
- Remote audio/video transmission
- Emergency quick-release system
- Wrist-mounted smart control module

KEY ADVANTAGES

Advanced Protection

Reinforced protection structures improve resistance against blast impact and high-velocity fragmentation.

Intelligent Communication

Supports real-time audio/video transmission and remote communication.

Emergency Quick Release

Enables rapid removal during emergency situations.

Lightweight Design

Optimized weight distribution improves comfort and mobility.

Modular Expansion

Supports optional lighting, camera, cooling, and anti-interference modules.



Technical Specifications

Item	Specification
Model	01 / 01 PRO
Product Type	Bomb Disposal Suit
Protection Type	Blast / Fragmentation / Thermal Protection
Size Options	S / M / L
Total Weight	31 kg (including helmet)
Power Endurance	*8 hours
Communication	Wired / Wireless
Recording Function	Local Recording / Remote Real-Time Transmission (PRO)
Intercom	One-Touch Communication
Wrist Display	4" LCD (Standard) / 4.7" OLED (PRO)
Viewing Angle	50°—150° (Standard)
PRO Viewing Angle 160°	Full View
Lighting System	Multi-Color Lighting
Quick Release	Supported
Anti-Static Design	Supported
Ventilation & Cushioning	Supported
Optional Modules	Liquid Cooling / Anti-Interference Communication

APPLICATIONS:

- Explosive disposal operations
- Public safety missions
- Emergency response tasks
- Hazardous area operations
- Major event security
- Industrial hazard protection

Optional Liquid Cooling System

- Total Weight 3.5 kg
- Water Flow 390 ml/min
- Power Duration 3 hours
- Continuous Cooling 2 hours