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NGABS
Next Generation Advanced Bomb Suit

QinetiQ Inc., in partnership with MedEng, has design and developed the Next Generation Advanced Bomb Suit (NGABS) for the U.S. Army (PEO Soldier). The NGABS increases soldier readiness to respond to evolving threats by providing situational awareness, 360-degree ballistic protection, and reducing weight burdens via its modular scalable design.

MSS-HUD General Specifications

MSS (all sensors)	Displayed FOV: 40° x30° Unity Magnification 4X Digital Zoom Focus Range from 0.4m to Infinity
HUD	Hardware and Software configurable to user's preference (L/R Monocular or Bi-Ocular) Multiple Display Modes (very low light to very bright operational capability) Multiple brightness levels for each display mode Accommodates 5th to 95th percentile user (male and female) including users requiring corrective eyewear

The appearance of U.S. Department of Defense (DoD) visual information does not imply or constitute DoD endorsement.

Benefits

Increased 360° Fragmentation protection with localized ballistic protection

Increase Situational Awareness via purpose built Modular Sensor Suite (MSS) and Heads Up Display (HUD)

MSS contains Color Day, Thermal, and Low Light sensors optimized for threat detection

HUD is a modular see-through high resolution, low latency color display

Decreased System Weight

Increased flexibility

Modular and Scalable

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About QinetiQ US

QinetiQ US is a leading defense and security company in the United States providing mission-led innovation at pace. QinetiQ US is a provider of technologically advanced services and products to the US Department of Defense and national security agencies, positioned to deliver key aspects of the modernization required to address our customers' pivot to counter near peer adversaries. QinetiQ's engineering services span the DoD and Intel community providing subject matter expertise in the areas of communications, sensor integration and research and development, survivability and unmanned ground combat systems.

QinetiQ US operates as the U.S. arm of QinetiQ Group plc (QQ.LSE), a global integrated defense and security company focused on innovation for defense, security and civil customers around the world. QinetiQ US employees are based predominantly in Virginia and Massachusetts and operate under a Special Security Agreement (SSA) with the U.S. Defense Counterintelligence & Security Agency (DCSA). QinetiQ US is creating new ways of protecting what matters most; testing technologies, systems, and processes to make sure they work as expected; and enabling customers to deploy new and enhanced-existing capabilities with the assurance they will deliver the outcomes required. Please visit our website at https://www.qinetiq.com/en-us/ and follow us on LinkedIn, Twitter, and Facebook @QinetiQUS.

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