SENTRY AU
Mid Cut Helmet System

- Mid cut, lightweight, ballistic shell made of a hybrid composite of Carbon, and Uni-directional Polyethylene.

- Provides equivalent head coverage in a mid cut design to US Army ACH helmet.

- Features an Ops-Core 3-Point Skeleton™ Shroud for universal capability with most NVG mounts, Accessory Rail Connectors (ARCs) with Hook Bungees, and external VELCRO® brand loop.

- Scalable design allows for compatibility with Ops-Core visors, mandibles, and handgun face shields.

- Available with one suspension/retention option, 6-Piece EPP Padding and Worm-Dial Fit-Band with 4-Point Head-Loc Chinstrap.

SPECIFICATIONS

Performance Specification: Modified and Abbreviated US Army ACH Helmet CO/PD 05-04:2007 Specification

Fragmentation Protection: MIL-STD-662F

Projectile	Minimum V50 (ft/s)	Minimum V50 (m/s)
2 - Grain RCC	4,200	1,280
4 - Grain RCC	3,475	1,059
16 - Grain RCC	2,475	754
64 - Grain RCC	1,750	533
17 - Grain FSP	2,200	670

9mm Protection: Resistance to Penetration (RTP) and Backface Defamation (BFD): 9mm FMJ, 24gr FMJ at 1,400 ft/s (426 m/s) at 0° obliquity with BFD < 1.0 in (25.4 mm) (Front and Back) and < 0.63 in (16mm) (Right, Left and Crown)

Blunt Force Trauma Protection: <150 G's at 10 ft/s per ACH CO/PD 05-04:2007

Environmental Resistance: Temperature -Storage and Operating at Ambient, Cold -60° F (-51° C), and Hot +160° F (71° C), Temperature Shock, Flame Resistance, Altitude, Vibration, Seawater, Field Agent Resistance, Weatherometer per ACH CO/PD 05-04:2007

Shell Construction:	Two-Stage Non Slit
Areal Density:	1.60 lbs per ft² (78.12 g/dm²)
Shell Thickness:	0.290" (7.37mm)
Shell Geometry (Curvature):	Proprietary Ops-Core Sentry Design
Cut Style (Side Protection):	Mid Cut
Available Colors:	Urban Tan
Available Sizes:	Medium (M), Large (L), X-Large (XL)

Contact Us

Ops-Core is committed to designing advanced performance capabilities for the elite warrior. For more information regarding the Ops-Core Sentry AU Mid Cut Helmet System, contact Ops-Core at 617.670.3547 or sales@ops-core.com. The Sentry AU Mid Cut Helmet is controlled for export by the U.S. Export Administration Regulations (EAR) 15 CFR 730-774. The export of this helmet and related technical information requires prior authorization from the U.S. Government.

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SPECIFICATIONS (CONTINUED)

SHELL SIZING & COVERAGE

Available Sizes	Medium	Large	X-Large
Head Size (Circumference)	20 ⅞ - 22 ½ in (53-57 cm)	22 ½ - 23 ¼ in (57-59 cm)	23 ¼ - 24 in (59-61 cm)
Square Coverage	171.74 in² (1108 cm²)	179.65 in² (1159 cm²)	191.12 in² (1233 cm²)

SHELL WEIGHT

Available Sizes	Medium	Large	X-Large
Sentry Shell Weight (Shell with Paint & Edge Band)	1.92 lbs (869 g)	2.03 lbs (921 g)	2.11 lbs (958 g)

SYSTEM WEIGHT

	Suspension/Retention Option	Large
Sentry Helmet System Weight (Sentry Shell with Suspension/ Retention Options)	EPP Pads w/ Worm-Dial Fitband	2.83 lbs (1284 g)

Note: All measurements are +/- 3% tolerance