

Aimpoint®

CEU™

The Aimpoint CEU™ (Concealed Engagement Unit) is the latest component incorporated into Aimpoint's unique System-of-Systems™ approach. It gives the operator the ability to observe and/or engage a threat from a concealed or covered position. The Aimpoint CEU easily rotates from side to side, so an operator can safely look around either right- or left-hand corners. It can also be quickly removed to rapidly return to direct engagement.



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The Aimpoint CEU turns an operator's standard weapon into a scouting tool that allows him to look over walls, under cars or around corners without exposing themselves to a potentially hostile situation. It's no longer necessary to equip a single team member with a special weapon or an expensive and fragile electronic device to make this possible.

Since the Aimpoint CEU does not affect the weapon's point of impact, it can easily be passed from one member of a unit to another as long as both weapons are outfitted with the proper interface. There is simply no other device on the market using the same technology. The recommended mounting solution for the Aimpoint CEU is the Aimpoint TwistMount™.

The Aimpoint CEU is a patented system developed by DSTO in Australia, under the name Off-Axis Viewing Device (OAVD). Aimpoint has world-wide exclusive rights for production and sales outside Australia.



The Aimpoint CEU rotates a full 260° allowing the operator to safely look around either right or left-hand corners, up staircases or down tunnels from almost any angle.

Featured on pictures above : CEU with Aimpoint® TwistMount™ (Base & high Top ring)

THE FUTURE IN SIGHT™



Optical System

Operating Principle	Two mirrors, reflective device, for true target view
Optical Magnification	1 x, unlimited eye relief
Clear Aperture	25 mm diameter "see through"
Optical Coating	Anti reflex coated protection elements and high reflection coated mirrors for maximum transmission, NVD compatible
Optical Signature	The unit does not influence the forward optical signature

Physical Specifications

Dimensions	<i>length</i>	87 mm (3.4")
	<i>width</i>	115 mm (4.5")
	<i>height*</i>	51 mm (2") CEU with low Top ring, attached to the TwistMount™ on the Picatinny Rail 60 mm (2.4"), CEU with high Top ring, attached to the TwistMount™ on the Picatinny Rail
	<i>height</i>	42 mm (1.7") CEU with low Top ring, detached from the TwistMount bottom 51 mm (2") CEU with high Top ring, detached from the TwistMount bottom
	<i>height</i>	42 mm (1.7") CEU only, detached from the TwistMount Top ring and TwistMount bottom
Height of optical axis**		30 mm (1.2") or 39 mm (1.5") alternatively
Rotation around optical axis		±130°, measured from CEU pointing vertically upwards, as reference
Weight		135 grams (4.8 oz), CEU only, separated from the TwistMount.
		Low Top ring 32 grams (1.1 oz)
		High Top ring 54 grams 1.9 oz)
		TwistMount bottom part 60 grams (2.1 oz)
Material - Housing		High strength, glass reinforced, PP polymer, black, non-glare finish
Material Cover		Rubber, black, non-glare finish

Environmental Specifications

Temperature Range, Operating and Storage	-45 °C to +71 °C (-50 °F to +160 °F)
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Mechanical Interface

Mount	Mount for MIL-STD 1913 Rail System "Picatinny Rail", via the Aimpoint TwistMount
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* over top surface of Picatinny Rail and with CEU sideways, "horizontally" rotated

** over top surface of Picatinny Rail

M00805



Features of the Aimpoint CEU™

- Designed to be compatible with all Aimpoint sights
- Constructed to provide a 'true image' NOT a mirror image
- Allows aiming above walls, under cars, around corners without exposing oneself
- Does not affect the weapon's point of impact
- Can be passed between team members
- Rugged and affordable device
- Small and light
- Easily removed from the weapon if necessary
- Turns a standard infantry weapon into a scouting tool
- No need to equip a team member with a specialized weapon
- Rotates a full 260°
- Designed to withstand extreme conditions

