

CEU

# AIMPOINT® CEU



## AIMPOINT® CEU

<b>Art.No</b>	12156
<b>Aiming dot size</b>	Uses the reticle of the combining sight
<b>Battery type</b>	No power required

## OVERVIEW

The Aimpoint® CEU (Concealed Engagement Unit) 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, over barricades and under vehicles. It can also be quickly removed in order to rapidly return to direct engagement.

## MECHANICAL INTERFACE

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. To mount the CEU, use the Aimpoint TwistMount base and choose the CEU ring which allows co-witnessing with the Aimpoint sight.

*Launched 2009.*

## UNIQUE FEATURES

- Designed to be compatible with all Aimpoint® sights
- Designed to provide a “true image,” NOT a reversed mirror reflection
- Allows aiming over walls, under cars, around corners without exposing head and torso
- Does not affect the weapon's point of impact
- Can be passed between team members
- Rugged, 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

## AIMPOINT® CEU

### TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS	POWER SOURCE	ENVIRONMENTAL SPECIFICATIONS
Art.No: 12156	Battery type: No power required	Temperature range operation: 5°C to 55°C (41°F to 131°F)
OPTICAL SPECIFICATIONS	PHYSICAL SPECIFICATIONS	Temperature range storage: -51°C to 71°C (-60°F to 160°F)
Operating principle: Dual mirror reflective device for true target view	Length conf: 90 mm (3 9/16")	Temperature shock: Operable after a temperature shock between -45°C and +71°C. Duration: 4h of Hot +71°C, 4h of Cold -45°C. Cycling: 3 times
Optical magnification: 1x	Width: 115 mm (4 1/2")	Humidity: Operates despite humidity. Limits: RH: 95%, Temp: 20°C to 50 °C, cyclic
Aiming dot size: Uses the reticle of the combining sight	Height sight only: 40 mm (1 9/16") CEU only, detached from the CEU Rise Ring and TwistMount base	Submersible: Operates after immersion. Limits: Depth: 25m (83 ft.)
Optical signature: No optical signature	Height conf: No standard config, can be mounted with 2 different configs.	Shock: Operable before and after shock. Limits: X-axis: 500 g, 0.7 - 1.1 ms (3 shocks), Y-axis: 40g ±4g, 11 ±1ms (2 shocks in each direction), Z-axis: 40g ±4g, 11 ±1ms, 2 shocks in each direction. Functional during exposure (room temperature)
NVD compatible: No	Weight sight only (incl battery): 130 g (4,6 oz), CEU only	Vibration: Operates despite vibration. Limits: Vibration, sinusoidal in a frequency range of 10-150 Hz. Frequency: 10-30 Hz, ±1.587 mm, Frequency: 30-150 Hz. 5.75 g, 1 octave/min
Clear aperture: 25 mm	Weight conf: With Low Top ring 165 grams (5,8 oz). With High Top ring 185 grams (6,5 oz).	Chemical resistance: Withstands occasional contamination of: Hydraulic oil (FSD 8407, Tryckolja 021), Lubricating oil (FSD 8127, Motorolja 5W/30), Lubricating oil (FSD 8220, Smörjfett 220), Lubricating oil (Break Free), Fuels (FSD 8612, Diesel fuel oil), Solvents/cleaning (FSD
Eye relief: Unlimited	Housing material: High strength glass reinforced polymer	
	Housing finish and color: Grey, non-glare finish	
	Material mount and spacer std conf: Used with either the CEU High- or Low Rise Ring	
	Surface treatment: Rubber, black, non-glare finish	
	Height of optical axis - sight and mount: 30 mm (1 3/16") (CEU Low Rise Ring)	
	Height of optical axis - sight, mount and low spacer: 39mm (1 9/16") (CEU High Rise Ring)	
	Adjustment: Rotation around optical axis: ±130°, measured from CEU pointing vertically upwards	