

MCS

Miniature Collimating Sight

The Armasight MCS (Miniature Collimating Sight) is a micro LED collimating sight for "both-eyes open" rapid target acquisition. The MCS is rugged, lightweight and designed to mount onto many existing optics as well as MIL-STD-1913 Picatinny and Weaver-style rails.

The Armasight MCS is the only sight on the market in its class that features a dual reticle pattern. The user can select a 3.5 MOA "Dot" reticle or 20 MOA "Ring" reticle pattern depending on mission requirements. The MCS is compatible with night vision devices of all generations. Reticle intensity is regulated by an automatic brightness control sensor (which can be overridden by the user to maximum brightness mode if so required).

The MCS is designed to significantly improve accuracy and efficiency of virtually any weapon, from handguns and pistols, to assault rifles and light machine guns. The compact size and versatility of the MCS makes it an ideal secondary/backup optical sight. Accurate and reliable, the Armasight MCS features 1.2 MOA/click windage and 1.5 MOA/click adjustments. A unique optical design allows for parallax-free "always on the center" reticle.

Waterproof; tested against salt fog, dust, vibration, drop-tested, and fired on a variety of firearms for thousands of rounds, the Armasight MCS complies with MIL-STD-810 standard. The MCS features a unique pivot lens cover with anti-reflective coating and works on a single, easy to replace CR2032 3V battery.

- Ⓐ **Tactile click stops for windage & elevation adjustments**
- Ⓐ **A switchable 3.5 MOA dot to 20 MOA ring reticle pattern**
- Ⓐ **Automatic brightness control of the reticle based on the target area brightness**
- Ⓐ **Rapid target acquisition**
- Ⓐ **True night vision compatible mode**
- Ⓐ **User configurable open or tube sight mode**
- Ⓐ **Riflescope mounted or weaver mounted variations**
- Ⓐ **Battery change with no change in zero**
- Ⓐ **Large heads-up display with wide field of view**
- Ⓐ **Parallax free performance**
- Ⓐ **Submersible to 10m (33 ft) of water**
- Ⓐ **Push button controls for reticle switching, manual override of auto brightness, night vision mode, and on/off function**
- Ⓐ **Anti-reflection coatings with lens cover to maintain covertness**
- Ⓐ **Limited Two-Year Warranty**

Magnification	1x (unity)
Exit Pupil (mm)	20x15
Eye Relief (mm)	100 to 500
Parallax at 100 m (MOA)	less than 0.5
Windage & Elevation Adjustment Range (°)	±1.5
Windage Adjustment Accuracy	1 click=1.5 MOA (45 mm at 100 m)
Elevation Adjustment Accuracy	1 click=1.2 MOA (36 mm at 100 m)
Reticle Pattern Configuration	Red dot / Circle (interchangeable)
Reticle Pattern Size:	
- dot (MOA)	3.5 (10 cm at 100 m)
- circle (MOA)	20 (60 cm at 100 m)
Reticle Brightness Adjustment	Auto / Manual (MAX or MIN positions)
Power Supply	3V Lithium Battery (CR2032)
Battery Life (with Dot Pattern):	
- at MIN brightness mode	20 000 hours
- at MAX brightness mode	250 hours
Operating temperature (°C)	-40 to +50
Waterproof	10 m for 1 hour
Mounting System	for Picatinny Rail
Dimensions (mm/in):	
- ver. for Picatinny rail	48 x 40 x 47 / 1.9 x 1.6 x 1.8
- ver. for ACOG 4x32	48 x 44 x 52 / 1.9 x 1.7 x 2.0
Weight (g/oz)	65 / 2.3

