

# Specialized Dot Sight for **Heavy Machine Guns**

## *Model DCL120 Dot Sight*

Model DCL120 is designed and developed primarily for the application of .50(12.7mm) Caliber Heavy Machine Guns (HMGs). This high performance Red Dot Reflex Sight is for demanding applications for the armed forces in Air(Helicopters), on Sea(Patrol Boats) and on Land (Armored Vehicles). It is built for speed and this high performance red dot sight will take your shooting ability to the next level. The unique heads-up-display design with extra wide lens provides an unlimited field of view with both eyes open, while eliminating obstruction and tunnel vision common to tube style scopes. Enhance the capability of operator's confidence in the field.



### ■ UNIQUE FEATURES OF THE DCL120 RED DOT SIGHT FOR HMGs

- Extra wide field of view for heads-up-display and faster target acquisition
- Ease to adjust the bullet drop compensation by ranges of 200, 400, 600, 800 and 1200 meters and can be operated by both tactile and visual.
- Can do the sighting easily in jolting armored vehicles, rocking patrol boats and shaking helicopters
- Polarizing filter covers the lens not only to protect from dust and sand, but also to kill the glare of lens
- Aiming with both eyes open for tracking down the moving targets and surveying their surroundings
- Even the user's head moves up and down(70mm) and sides(340mm), the target is focused as long as the dot is on lens.
- Deliver rock-solid stability for repeatable accuracy
- No centering requires aiming the targets
- Compatible with every generation of night vision devices
- Reduce the training time and save ammunitions

## Technical Specifications (Model DCL120 Dot Sight)

Optical Data	
System	Reflex, Collimator System
Magnification	No Magnification (1X)
Eye Relief	Unlimited
Red Dot Size	2 MOA, 3 MOA*, Circle Dot
Trajectory Ranges	200 m, 400 m, 600 m, 800 m, 1,200 m
Objective Lens	70 X 120 mm
Optical Coating	Anti Reflex Coating All Surfaces, Multi-layer Coating for Reflection of Red Light
Electronic Data	
Battery	One CR 123A 3V Lithium Battery, or External Power Source : 10 ~ 28V (Option)
Battery Life	1,000 hours
Dot Brightness Adjustment	12 Settings : 3 Nightvision Mode, 8 Daylight Mode and 1 Off
Mechanical Data	
Housing Material	High Strength Aluminum
Surface Finish	Anodized, Matte, Carbon Black
Lens Cover Filter	Polarizing Filter
Mountings	For MIL STD 1913 Picatinny Rail
Click Adjustment	1 click = 25 mm at 200 m (220 yards)
Dimensions	
Length/Width/Height	315 mm / 165 mm / 138 mm
Weight	2,815 g
Environmental Data	
Temperature Range	-41°C ~ +71°C

\* MOA (Minute of Angle) 1 MOA = 30 mm at 100 m

• Specification may change without notice.