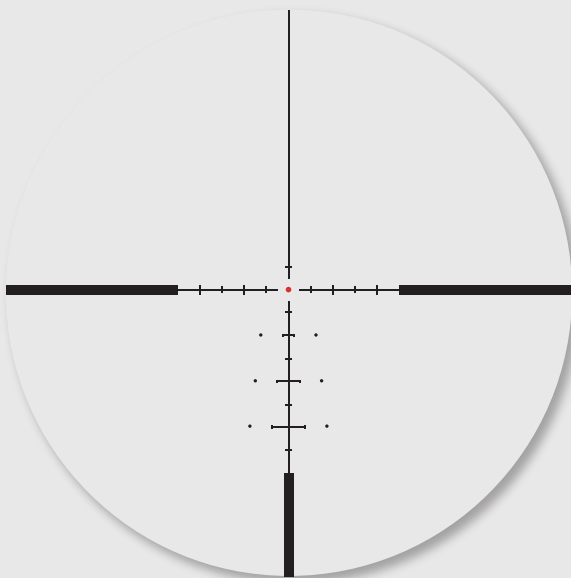
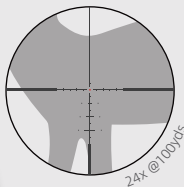
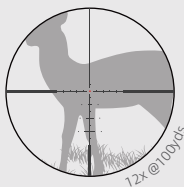


# VECON-CDM MOA SFP RETICLE

The VECON-CDM reticle features a German #4 type reticle with an illuminated center dot and evenly spaced hashmarks on the crosslines. Below the center dot, each hashmark has two dots on the two sides. The hashmarks are evenly spaced and provide reference points for aiming at targets at various distances. The dots on the two sides of the hashmarks are designed to aid in range estimation and wind drift compensation.

The VECON-CDM reticle is an ideal choice for hunters and long-range shooters who need quick and precise target acquisition.

For SCOM-34, SCOL-X22 model, the suspension is valid at its highest magnification; for SCOL-50 model, the suspension is valid at 20x; for SCOL-51 model, the suspension is valid at 30x.



Red indicated illuminated portion of the reticle

# COMPENSATION BULLET DROP

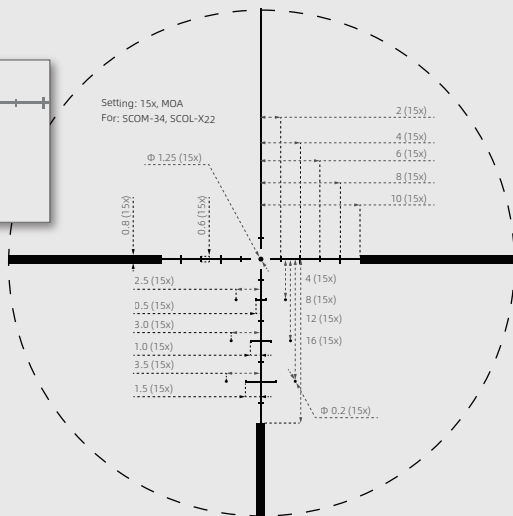
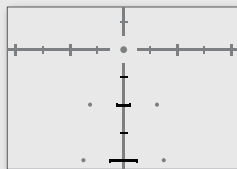
The VECON-CDM reticle is designed for bullet drop compensation, shooters can estimate bullet holdover at long distances. The hash marks below the reticle center can offer bullet-drop reference for all distances.

The VECON-CDM reticle is designed to follow the trajectory of a .223 rifle bullet, with the gap increasing each time to better match fixed distances.

There are various firearms that the VECON-CDM reticle can be used with, like high powered rifles, rimfire rifles, black powder rifles, slug shotguns and so on. The hash marks of this reticle can also be used as reference for bullet drift compensation in windy days or to estimate range.

For SCOM-34  
SCOL-X22

Exhibit

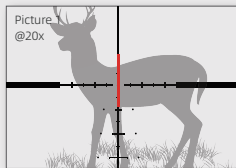


# HOW TO MEASURE TARGET HEIGHT & LENGTH

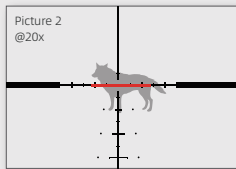
The VECON-CDM reticle can also help the shooter estimate the range to a target. If the shooter knows the target object's size at shooting distance, then he can compare it to either the vertical or horizontal hash mark spacing and roughly estimate the range.

The formula for range estimation is as follows:

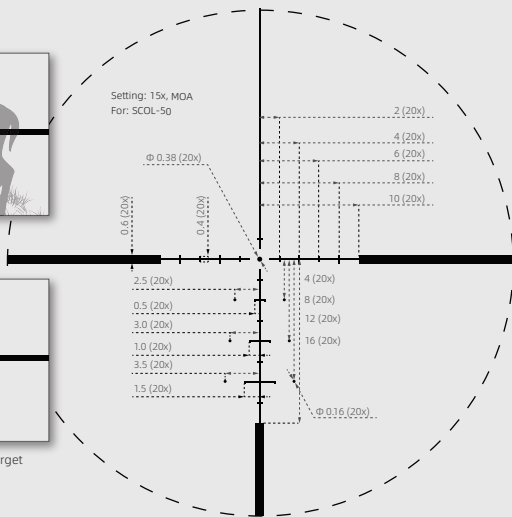
**Range (yards) = Target Height or Width (inches) \* 100 / Target Height or Width measured on reticle (MOA)**



Red represents the chest height of the target



Red indicates the length of the target



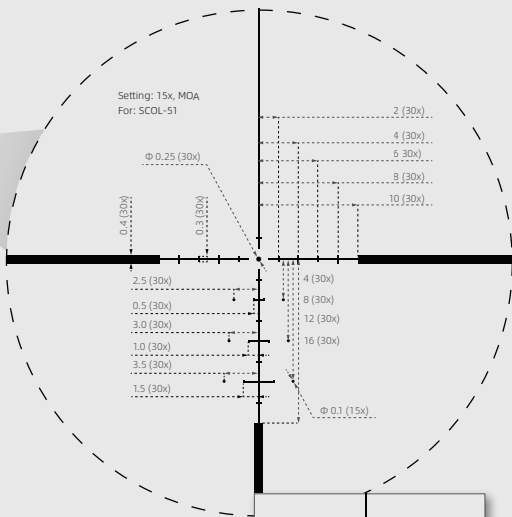
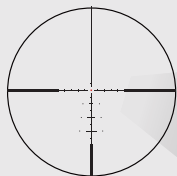
Reticle at the set magnification, If a shooter is looking at a deer, its chest height is 18 inches, and it spans about 9MOA on the vertical line (picture 1). Using the formula above, the range to the elk is calculated as follows:

**Range = 18 (inches) \* 100 / 9 MOA = 200 (yards)**

Reticle at the set magnification, If a shooter is looking at a 60 inches long wolf, and it spans about 10MOA on the horizontal line (picture 2). Using the formula above, the range to the wolf is calculated as follows:

**Range = 60 (inches) \* 100 / 10 MOA = 600 (yards)**

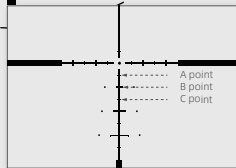
# USING FOR BULLET DROP COMPENSATION



If you are using the VECON-CDM reticle for bullet-drop compensation, please first zero your rifle at **100 yards** or other distances and set the magnification, then use the hash marks on the reticle to compensate for bullet drop. Here are two examples with different calibers:

30-06, .308, .270

A point: 200yds | 7.5" drop  
B point: 300yds | 23.5" drop  
C point: 400yds | 50" drop  
D point: 500yds | 92" drop  
E point: 600yds | 16.14" drop



.223, 5.56

A point: 300yds | 7.5" drop  
B point: 400yds | 23.5" drop  
C point: 500yds | 50" drop  
D point: 600yds | 92" drop

