

THE ONE 7-35x56



Day & Night Technologies

Seeing Beyond and Exceeding Your Expectations



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Safety Instructions

Make sure your firearm is unloaded and pointed in a safe direction before proceeding. Do not look through your scope directly at the sun or laser devices to avoid potentially serious eye injuries.

INTRO

Get ready for an effortless experience in long-range precision shooting with DNT's THE ONE series of scopes. This is THE ONE scope you will ever need to make every shot count.

Crafted with hardened aircraft-grade aluminum and Japanese extra-low dispersion glass, THE ONE scopes are the result of collaboration with elite PRS and ELR shooters. Prepare yourself for quick target acquisition and precise engagements with our improved 45-degree canted windage indicator, eliminating the need to compromise your shooting position.

SPECIFICATIONS



Model: 7-35x56mm

Focal Plane	FFP (First)	FOV	7x 16.66' @100 yds 35x 3.34' @100 yds
Tube Diameter	34mm		
Zero Stop and Zero Reset	Yes	Parallax	25 yds - Infinity
Length	16 inches	Reticle	TOR (The One Reticle) MPR (Multi-Purpose Reticle)
Weight	42 oz		
Eye Relief	3.5 inches	Recoil Proof	.50 BMG
Illumination	Red, 6 Brightness Settings	Waterproof/Fog Proof	Yes, Nitrogen Purged
Battery	CR2032		

Turret Adjustments	MRAD (MIL)	MOA
Adjustment Graduations	0.1 MRAD	0.25 MOA
Total Elevation Adjustments	30 MRAD	108 MOA
Total Windage Adjustments	15 MRAD	54 MOA
Elevation Adj Per Revolution	10 MRAD	25 MOA
Windage Adj Per Revolution	10 MRAD	25 MOA

Understanding the Controls



Ocular Focus/Diopter

- 1 Adjust the magnification ring to the max magnification.
- 2 Adjust parallax to infinity.
- 3 Look through the rifle scope at the sky away from the sun or reflective surface.
- 4 Slowly adjust your ocular focus until the reticle is clear and in focus (this must be done in short intervals, if you look at the reticle for more than 2 seconds, your eyes will compensate for it).
- 5 Look away for a few seconds and repeat step 4 until the reticle is crisp and clear as soon as you bring the scope up to your eye.
- 6 Mark the position of the ocular focus in reference to the scope.



Side Focus Parallax

The side focus parallax is used to adjust your scope reticle to the same focal distance as the target for best image sharpness. Please note: considering everyone's eyes are different, parallax adjustment markings only serve as a guidance for initial setting and may differ from your eyes.

- 1 On a steady platform, align the reticle with your target.
- 2 Start with the numbers marked on the dial and slowly adjust parallax until you see a very sharp image.
- 3 Nod your head up/ down and left-/right to see if the reticle moves in relation to the target.
- 4 If you notice the reticle shifts when nodding your head, this indicates parallax exist and fine tune the parallax adjustment knob until the reticle becomes stationary.



Magnification Ring

To set the desired magnification power for the scope, simply rotate the magnification ring until it aligns with the corresponding marking.



Turret Adjustments

Elevation and windage turret adjustments align the point of impact (POI) with the point of aim (POA) to compensate for ballistic drop and environmental conditions.

Each adjustment is known as a "click". For Milliradian (MRAD) scopes, each click is 0.1 MRAD or 1 cm at 100 meters. For Minute of Angle (MOA) scopes, each click is 0.25 MOA or 1/4 inch at 100 yards.

The Elevation turret adjusts your POI up and down in relation to your POA. The Windage turret adjusts your POI left and right.

When adjusting the windage turret, use indices 1-24 for the first revolution on the bottom line, and indices 25-49 for the second revolution printed above.





Zero Reset

Once the reticle is zeroed, loosen the three elevation cap locking screws so the turret spins freely.

Align the "0" on the turret with the index on the scope body as pictured, then retighten the locking screws.



Zero Stop

The Zero Stop feature allows you to always return to the zero point, no matter how many rotations you've made to the turret. This feature is initially disengaged so that users can set their zero-stop based on their specific setup.

- 1 Once you have established your zero, dial the Elevation turret up (counterclockwise) 2-3 clicks.
- 2 Loosen the Zero Stop Locking Screw (on the front face of the turret) to disengage the Zero Stop.
- 3 Screw in your Zero Stop Screw (on the top of the turret) until it touches the bottom of the turret.
- 4 Back out your Zero Stop Screw half-turn.
- 5 Securely tighten your Zero Stop Locking Screw.



Reticle Illumination

Reticle illumination is powered by a CR2032 battery and improves visibility in low light. THE ONE scopes come with 6 brightness settings (1 being the dimmest), with off positions between each setting.

Changing the battery

- 1 Unscrew the battery cap
- 2 Remove CR2032 battery
- 3 Replace the battery with positive (side with markings) facing outwards
- 4 Tighten the battery cap



Mounting your scope

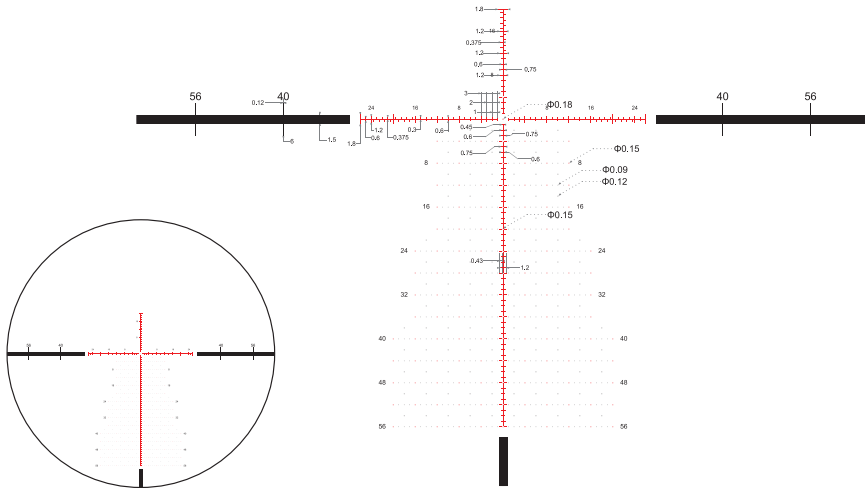
- 1 Use the correct, 34mm rings/mount. We recommend our "Rock Steady" series of rings & mounts.
- 2 Loosely secure the scope in the rings. Do not fully tighten the ring screws.
- 3 Adjust for desired eye relief & level the optic. (we recommend using a scope level)
- 4 Torque ring screws to manufacturer specs.

Note: Always double check scope alignment and eye relief before tightening the screws.



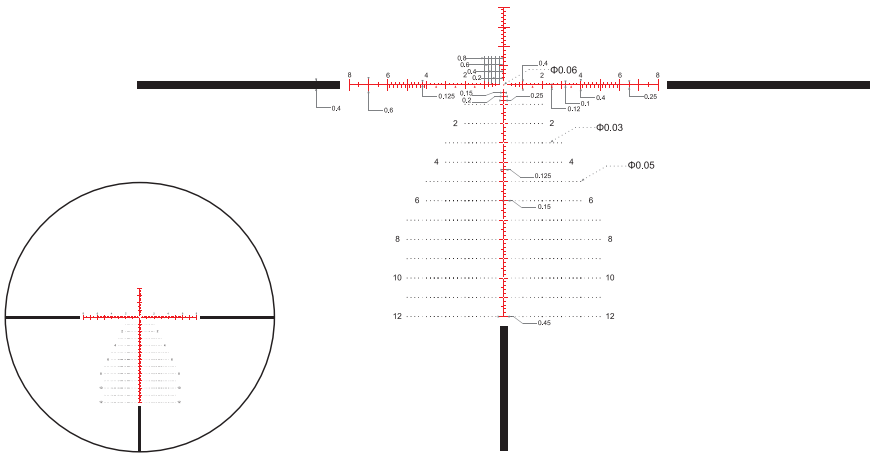
subtentions Diagrams (subtentions) TOR

MOA



subtentions Diagrams (subtentions) MPR

MIL





BALLISTIC APP

Unlock your scope's full potential with the DNT Ballistic mobile APP.

We are raising the bar in the optics industry while also lowering barriers to entry, making it easier for shooters to accurately hit their targets at long distances. With the DNT Ballistic App, long-range precision shooting is now more accessible than ever. Our app features a database of over 8900 industry-standard projectiles, as well as the option to input personalized ballistic loads.

Once the correct ballistic data is selected, you can pull your adjustments straight from the app, or export the chart for a printable DOPE card.



Android

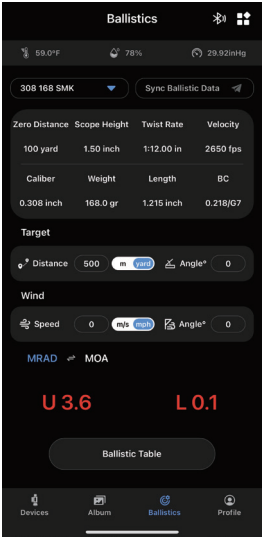


iOS

SAMPLE BALLISTICS DATA

This is for reference purposes only as your firearm/ammo will differ from the one we used.



Sample .308 Winchester Federal Gold Medal Match 168gr Ballistics



Distance (Y)	MRAD	MOA	MRAD	MOA	Speed (m/s)
0	0.0	0.00	0.0	0.00	807.7
50	0.0	0.15	0.0	0.04	776.0
100	0.0	0.00	0.0	0.07	745.0
150	0.3	0.88	0.0	0.10	714.6
200	0.6	2.07	0.0	0.13	685.0
250	1.0	3.44	0.0	0.17	656.2
300	1.4	4.96	0.1	0.20	628.0
350	1.9	6.60	0.1	0.24	600.6
400	2.4	8.36	0.1	0.28	573.8
450	3.0	10.25	0.1	0.32	547.6
500	3.6	12.28	0.1	0.37	521.9
550	4.2	14.45	0.1	0.41	496.7
600	4.9	16.78	0.1	0.47	472.1
650	5.6	19.29	0.2	0.52	448.0
700	6.4	21.99	0.2	0.58	424.5
750	7.2	24.90	0.2	0.65	401.6
800	8.2	28.04	0.2	0.72	379.5



Sample 6.5 Creedmoor Hornady 140gr ELD-Match Ballistics

Ballistics  

59.0°F 78% 29.92inHg

6.5 CM 140 EL... Sync Ballistic Data

Zero Distance	Scope Height	Twist Rate	Velocity
100 yard	1.50 inch	1-8.00 in	2710 fps

Caliber	Weight	Length	BC
0.264 inch	140.0 gr	1.374 inch	0.326/G7

Target

Distance: 500 Angle: 0

Wind



Speed: 0 Angle: 0

MRAD ↔ MOA

U 3.0 **L 0.1**

Ballistic Table

Devices Album Ballistics Profile

Ballistic Table  

Distance (Y)	MRAD	MOA	MRAD	MOA	Speed (m/s)
100	0.0	0.00	0.0	0.06	783.2
150	0.2	0.76	0.0	0.09	762.2
200	0.5	1.80	0.0	0.12	741.6
250	0.9	2.99	0.0	0.15	721.3
300	1.2	4.27	0.1	0.18	701.3
350	1.6	5.64	0.1	0.21	681.7
400	2.1	7.08	0.1	0.24	662.4
450	2.5	8.58	0.1	0.27	643.5
500	3.0	10.16	0.1	0.30	624.8
550	3.4	11.81	0.1	0.34	606.4
600	3.9	13.54	0.1	0.37	588.3
650	4.5	15.34	0.1	0.41	570.5
700	5.0	17.23	0.1	0.45	553.0
750	5.6	19.19	0.1	0.49	535.7
800	6.2	21.25	0.2	0.53	518.6
850	6.8	23.41	0.2	0.57	501.8
900	7.5	25.66	0.2	0.62	485.2
950	8.2	28.02	0.2	0.67	468.8
1000	8.9	30.50	0.2	0.72	452.7
1050	9.6	33.09	0.2	0.77	436.9

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