



INTEGRIX[®]
CHALLENGING WHAT'S STANDARD.

www.iXOptics.com



**SUPERIOR QUALITY.
RUGGED PERFORMANCE.
VIVID DETAIL.
THIS IS INTEGRRIX®.**



INTEGRIX®

CHALLENGING WHAT'S STANDARD.

A critical decision made often by shooters is what optic to pick for their firearms. It is a decision, one of integrity and intelligence to justify what we consider to be quality.

The voice of the customer has spoken. LEAPERS® has listened, and listened with decades of attention as well as persistent R&D. We have learned that quality optics achieve optimal performance only when superior optical design and mechanical precision integrate seamlessly under the strictest tolerance control. When such standards are met at the manufacturing level, our customers' dreams come true.

LEAPERS® brings to the forefront of shooters, the culmination of integrated and intelligent optical design and manufacturing. **THIS IS INTEGRIX®.**

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RETICLES

SPECIFICATIONS

INTEGRIX[®] OPTICS

THE NEW PREMIUM BRAND FROM LEAPERS[®].



LEAPERS[®] has outfitted shooters for more than 31 years. Our employees and our customers are family, united by our passion for shooting, hunting, and the right to bear arms. Our mission is to provide end-to-end accessories and solutions for your firearm, no matter the application.

LEAPERS[®] is excited to announce the launch of our premium optics brand, INTEGRIX[®]: A premier series comprised of low power variable, mid power, and extreme long-range optics tailored to reach new and continued customers alike. It was through intensive market research and interviews with users across all areas - sports shooters of different disciplines, hunters from different nations, police and military users - that we were able to pinpoint the growing and changing requirements for the optimal optic. An open wide field of view, the highest light transmission, maximum

resolution, and extreme repeatability are all required so a shooter can observe a vast area, acquire and identify, and hit a target with pinpoint accuracy at short, medium, and long distances.

INTEGRIX[®] is about challenging what's standard - and rising to the challenge ourselves. We spent 5 long years studying and developing our first set of scopes. We ran hundreds of optical design simulations and mechanical iterations to perfect and measure every detail, from light transmission and MTF resolution to turret click resistance. We benchmarked ourselves against only the very best so we can have confidence that the optic we put in your hands hits the most exacting standards. With the launch of INTEGRIX[®], we rise to meet our own challenge and realize our potential, together.

INTEGRIX®

FIND WHAT'S RIGHT FOR YOU

MAGNIFICATION

LOW POWER [LPVO]

Low Power Variable Optics are a versatile choice for a variety of dynamic, on-the-move, and close-to-medium range engagements. INTEGRIX® LPVOs go from 1X up to 8-10X magnification while maintaining a wide comfortable FOV.



1-8X28



MID POWER

Arguably the most common amongst hunters and PRS rifle shooters, mid power optics run from 3X to 18X. Mid range scopes allow you to maximize your performance while optimizing for size and weight.



3-18X44



HIGH POWER [LR/ELR]

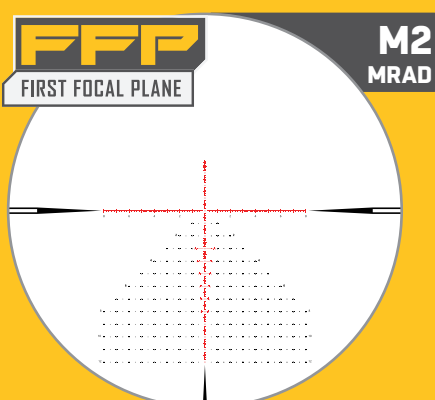
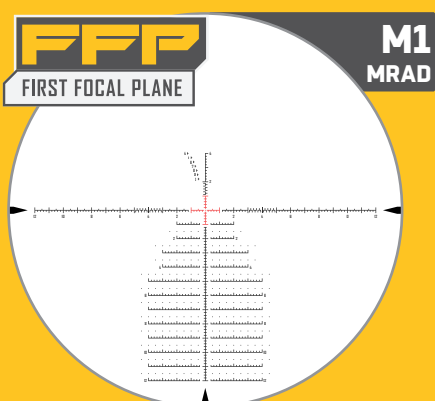
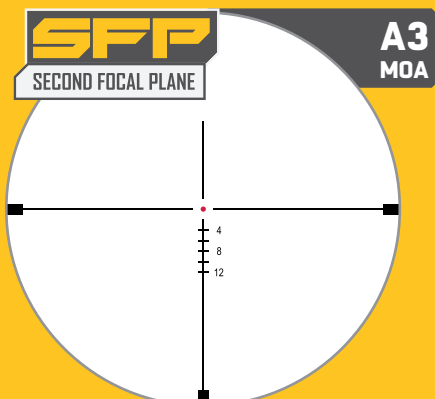
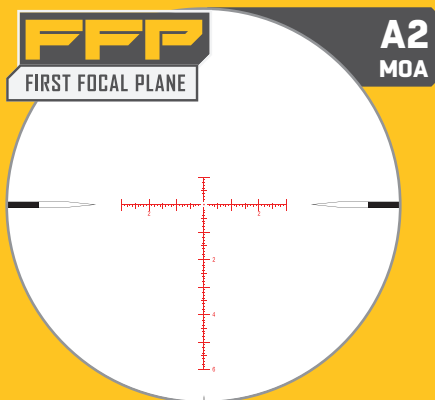
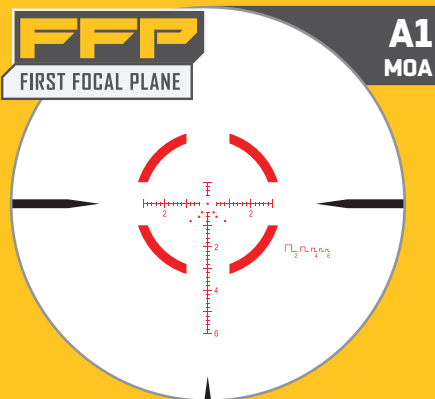
For long range and extreme long range engagements, high powered scopes feature a larger objective lens to maximize light. A wide magnification range allows shooters to acquire targets of small sizes at long range.



iX6 4.5-27X56

iX6 6-36X56





FFP VS SFP

FIRST FOCAL PLANE (FFP)

First Focal Plane (FFP) reticles change in size as the scope's magnification is changed: thinner at low magnification and closer and thicker at high magnification. Suitable for precision long-range applications, use a FFP reticle when you want to measure your targets and holdover with your reticle easily across all magnifications.

SECOND FOCAL PLANE (SFP)

Second Focal Plane (SFP) reticles stay the same size at all magnifications. Suitable for most hunting applications, choose a SFP when you want a reticle of constant thickness and are less likely to use your reticle for measuring or holding across magnifications. SFP users can simply dial windage or elevation to hit their target, or use conversion formulas for the correct holdover at different magnifications other than the specified magnification for your scope.

MOA VS MRAD

MOA and MRAD are angular units of measurement used in your scope between the turrets and the reticle. Choosing one over the other is largely personal preference. Popular in the United States, MOA stands for Minute of Angle, which translates to approx. 1 inch at 100 yards and will have finer adjustments. The prevailing system internationally and for the military, MRAD is Milliradian and converts to approx. 3.6 inches at 100 yards (1 cm at 100 m). This comes with less clicks, making it a tad quicker when dialing for longer ranges.

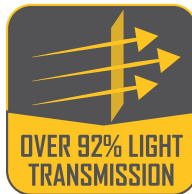
In the end your reticle is just a ruler. Choose which system you want to measure with and talk to your buddies so you can use the same side and speak the same language!

FEATURES



WIDE OPEN FOV

Wide field of view allows you to maximize the information seen about your targets and the immediate environment.



OVER 92% LIGHT TRANSMISSION

Over 92% light transmission for the best visibility across mirage and low light conditions.



CONSTANT EYE RELIEF

Constant and comfortable eye box for easy target acquisition across magnifications.



QUALITY GLASS

Premium multicoated German SCHOTT and Japanese OHARA glass for high-definition image quality.



EDGE-TO-EDGE CLARITY & CONTRAST

Clear high-contrast picture on-axis and off-axis to discern details about your target across your FOV.



ZERO STOP

Easy resettable zero stop to quickly return to zero elevation on mid and long range models.



RED/GREEN ILLUMINATION

Red and green illumination with 8 brightness intensities and 12 hour auto shutoff.



TESTING



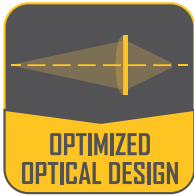
EXTREME CLIMATE PROOF

24 hours of four corners environmental testing from -40°C to 70°C at low and high humidity.



IPX7 WATERPROOF

Fully waterproof with no fog or leaks at 100% water submersion for over 30 minutes at 1 meter depth.



OPTIMIZED OPTICAL DESIGN

World class optical design for minimized aberration and distortion across colors.



PRECISE TRACKING

Precise W/E adjustments validated with live fire box testing and backlash testing as well as collimators.



RETICLE ACCURACY

Reticle dimensions and holdover accuracy validated with live fire as well as collimators.



.338 LAPUA MAGNUM RATED

Recoil endurance with 300+ rounds of .338, validated after every 100 rounds.



.30 CAL SPRINGER AIR GUN RATED

Recoil endurance with 300+ rounds through a hatsan .30 Cal carnivore for twice the validation.



IPX7
WATERPROOF

.338
LAPUA MAGNUM RATED

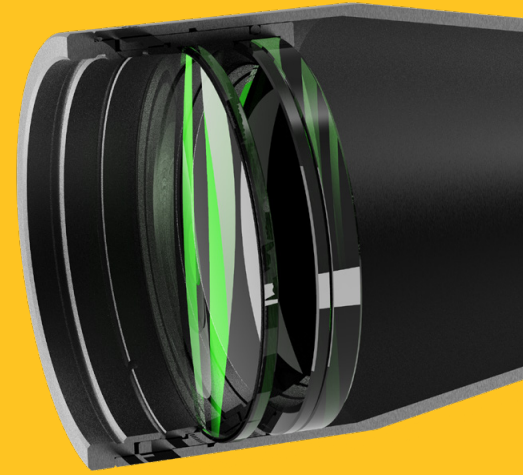
-40/+160°F
WEATHERPROOF OPERATIONAL RANGE

INTEGRIX®

SUPERIOR OPTICAL SYSTEM

THE CULMINATION OF INTEGRATED & INTELLIGENT OPTICAL DESIGN & MANUFACTURING.

INTEGRIX® optics adhere to the highest of manufacturing and optical standards demanded by distinguished shooters. Our optical designs are developed in-house and painstakingly optimized over hundreds of simulations to arrive at the most optimal lens system for your optic. Whether the technical design, the best materials, or exacting assembly tolerances, INTEGRIX® embodies the attention to detail you need as a shooter to achieve consistent and repeatable precision shot-to-shot. Finish with top results downrange with an optic built ready for when and where it counts. The solution is you. The difference is INTEGRIX®.



Advanced 92% Light Transmission Excels Both During the Day and in Low Light Environments

THE END RESULT?

An optical system that gathers, converges, and optimizes incoming light while eliminating all non-contributing stray light known to degrade image contrast and resolution.



Superior Field of View (FOV)



Low Aberration Industry-leading Glass



Maximum Edge-to-Edge Clarity



Optimized Color Contrast with Reduced Chromatic Aberration



Vivid Detail and HD Visual Quality



92% LIGHT TRANSMISSION

We deliver over 92% light transmission on all INTEGRIX® scopes, measured and verified by precision instrumentation to guarantee we hit our optical design parameters.

INDUSTRY-LEADING GLASS

INTEGRIX® uses premium German SCHOTT and Japanese OHARA glass, the leaders in craftsmanship and high-definition image quality. Our glass is multi-coated to reduce glare and reflection and maximize light.

EXACTING STANDARDS

All lenses are individually cleaned and concentration tested prior to and after assembly with the upmost care. Our process, monitoring, and tolerances are painstaking and require quality control across all subsystems to ensure INTEGRIX® delivers the top specifications.

OPTIMAL MTF & IMAGE QUALITY

A balanced, high-quality image on and off-axis ensures you have contrast and resolution edge-to-edge. Our in-house MTF (Modulation Transfer Function) measurement process uses an advanced collimator system along with the USAF 1951 military standard resolution test for magnifications 6X and lower, then switching to the XJ-6 image for higher magnifications to measure resolution and benchmark our results against only the very best.

TIRELESS OPTICAL DESIGN

Our optic designs are fine-tuned with over 200 simulations. We balance the optimal lens system for your optic by maximizing light transmission and minimizing spherical, comatic, and chromatic aberrations and distortion, astigmatism, and field curvature inconsistencies in your image.

READY FOR WHEN & WHERE IT COUNTS

CONSTANT EYE RELIEF

Maintains a constant, but generous eye relief throughout the entire magnification range.

PRECISE MOVEMENT W/E TURRETS

Push/pull lockable and zero resettable uncapped turrets serrated and oversized for gloved use.

Includes zero stop function (high power and some mid power models only).

Reliable and precise steel-on-steel movement with predictable, tactile, and audible click values.

DIGITAL ILLUMINATION & SIDE PARALLAX TURRET

Intuitive interface with automatic 12 hour shutoff effortlessly toggles between red and green illumination settings (excludes fixed parallax models with analog interface).

Precise parallax adjustment scales with just the right amount of resistance and feedback (excludes fixed parallax models).

SMOOTH TURN POWER RING

Accurately and securely transitions without a hitch with just the right amount of feedback. Optional extended throw lever included.

WIDE DIOPTER ADJUSTMENT

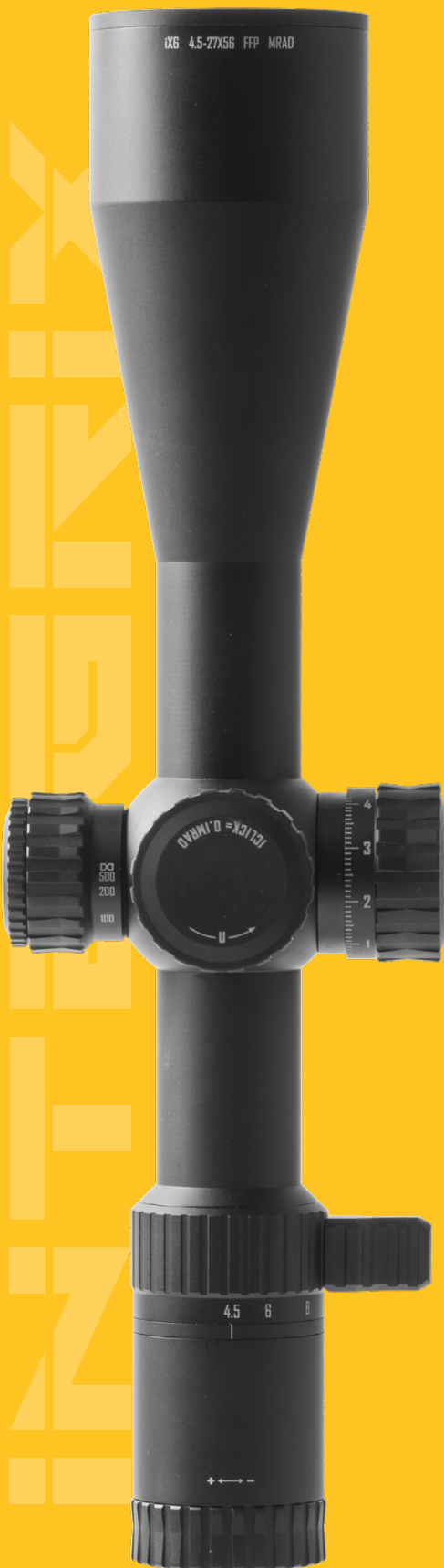
Caters to more variations in eyesight and finely tunes reticle clarity to the user's unique vision.

TURNKEY ZERO STOP

Easily resettable zero stop available on the elevation turret of mid and long range models. Foolproof resetting process stops you directly at your zero.

SIMPLE REVOLUTION INDICATOR

Revolution indicator located on the scope body below the elevation turret.





LIFETIME WARRANTY



Leapers, Inc. warrants that all products conform to published specifications and are free from defects in material and workmanship. Leapers, Inc. will repair or replace a defective product for the duration of the product's life span. Verification through a Return Authorization (RA) number is required. If the product is discontinued, credit in the amount of the product's MSRP may be applied toward a replacement item.

Note: Our warranty does not extend to accidental damages, loss, negligence, misuse, products disassembled beyond normal maintenance, or unauthorized repair or alteration.

Please feel free to call us at (734) 542-1500, email us at integrax@leapers.com, or submit a warranty request form via our website at www.ixoptics.com/support for warranty and customer service inquiries.



LOW POWER [LPVO]

A popular choice for the AR15 platform and other similar carbines that see a variety of dynamic and on-the-move close to medium range engagements. With its variable magnification starting at 1x and ending at higher magnifications typically under 10x, LPVOs excel in versatility and are often considered to be a great general-purpose solution.



IX801FA1

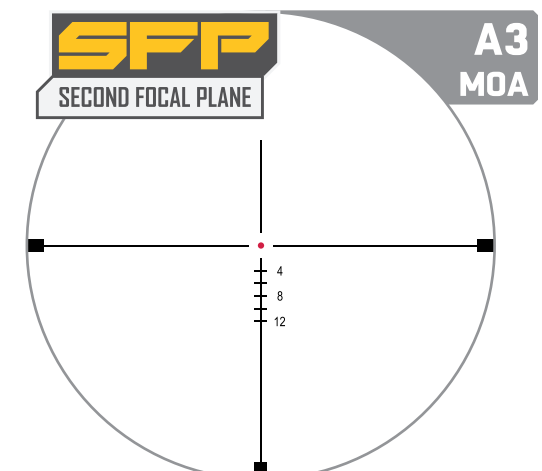
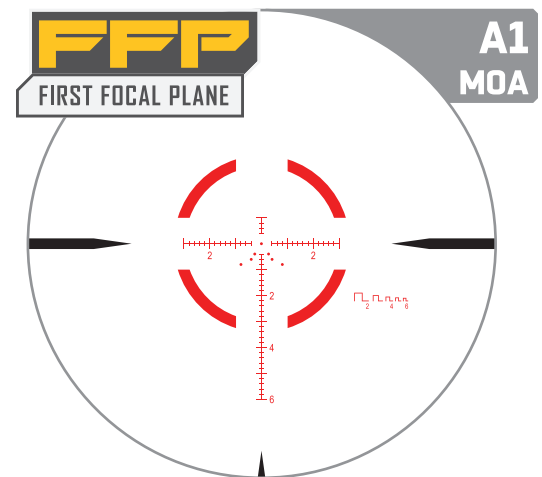
IX8 1-8X28 34MM FFP / A1 MOA

IX801SA3

IX8 1-8X28 34MM SFP / A3 MOA



	IX801FA1	IX801SA3
Focal Plane	FFP	SFP
Reticle	A1 MOA	A3 MOA
Illumination	Red & Green, 10 Brightness Settings	
Magnification	1X - 8X	
Tube Diameter	34 mm	
Objective Diameter	28 mm	
Angular FOV	21.8° - 2.7°	
Linear FOV @ 100 yds	115.5' - 14.1'	
Linear FOV @ 100 m	38.5 m - 4.7 m	
Turret Type	Uncapped Pull to Unlock, Push to Lock	
Elevation Travel	Up 60 MOA , Down 40 MOA	
Windage Travel	Right 25 MOA, Left 25 MOA	
Travel Per Revolution	50 MOA	
Eye Relief	3.74" (95 mm)	
Exit Pupil	10 mm - 3.5 mm	
Diopter	-3D - +2D	
Click Value	1/2 MOA	
Parallax	Preset @ 100 yds (91.4 m)	
Length	10.9" (277 mm)	
Weight	25.3 oz (716 g)	



(* REFER TO P. 020 - 025 FOR RETICLE DETAILS.)



MID POWER

Arguably the most common amongst hunters and even amongst PRS rifle shooters, mid power optics maximize performance while maintaining a reasonable size and weight. Typically, variable magnification starts at 3x and increases to anywhere between 9x to 18x. Objective diameters come in several sizes and are mostly favored for their great field of view, depth of field, brightness, and definition.



IX603FA2

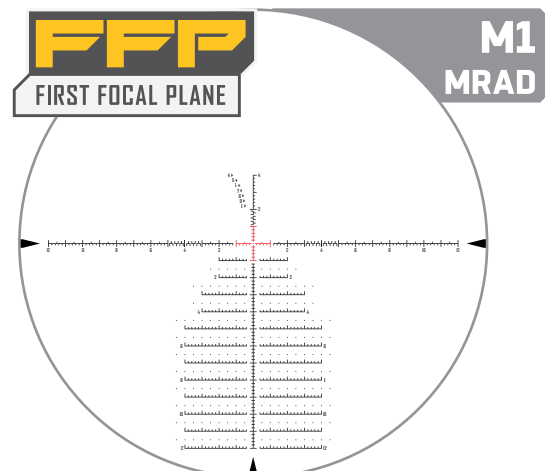
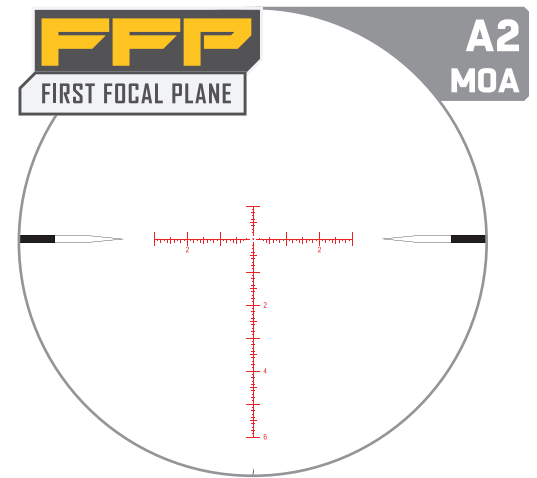
IX6 3-18X44 34MM FFP / A2 MOA

IX603FM1

IX6 3-18X44 34MM FFP / M1 MRAD



	IX603FA2	IX603FM1
Focal Plane	FFP	
Reticle	A2 MOA	M1 MRAD
Illumination	Red & Green, 8 Brightness Settings	
Magnification	3X - 18X	
Tube Diameter	34 mm	
Objective Diameter	44 mm	
Angular FOV	7.2° - 1.2°	
Linear FOV @ 100 yds	37.7' - 6.3'	
Linear FOV @ 100 m	12.6 m - 2.1 m	
Turret Type	Uncapped Pull to Unlock, Push to Lock with Zero Stop	
Elevation Travel	Up 60 MOA, Down 30 MOA	Up 19 MRAD, Down 13.5 MRAD
Windage Travel	Right 12 MOA, Left 12 MOA	Right 5 MRAD, Left 5 MRAD
Travel Per Revolution	24 MOA	10 MRAD
Eye Relief	3.94" (100 mm)	
Exit Pupil	11 mm - 2.5 mm	
Diopter	-3D - +2D	
Click Value	1/4 MOA	0.1 MRAD
Parallax	30 yds (27.4 m) - ∞	
Length	11.89" (302 mm)	
Weight	29.7 oz (841 g)	



(* REFER TO P. 020 - 025 FOR RETICLE DETAILS.)



HIGH POWER [LR/ELR]

For long range and extreme long-range engagements, high powered scopes feature some of the largest objective lenses which invite the most amount of light through the system and ultimately transmitted to the eye. A wide magnification range with an extremely high top-end magnification is also inherent. These characteristics amongst others provide the means for shooters, at extremely long ranges, to positively identify, acquire, and engage small targets.



IX645FM1

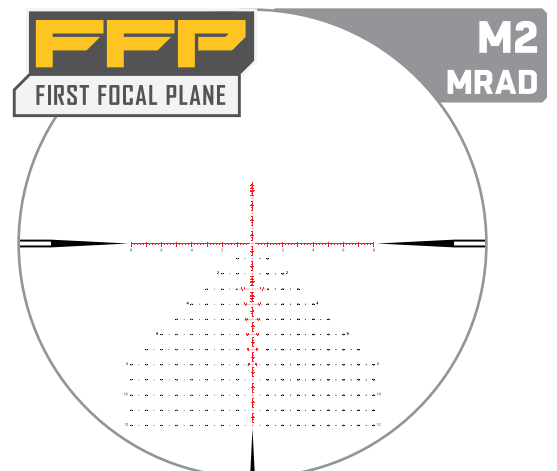
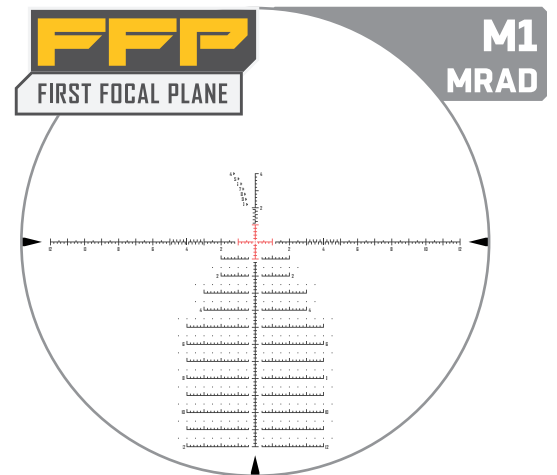
IX6 4.5-27X56 34MM FFP / M1 MRAD

IX645FM2

IX6 4.5-27X56 34MM FFP / M2 MRAD



	IX645FM1	IX645FM2
Focal Plane	FFP	
Reticle	M1 MRAD	M2 MRAD
Illumination	Red & Green, 8 Brightness Settings	
Magnification	4.5X - 27X	
Tube Diameter	34 mm	
Objective Diameter	56 mm	
Angular FOV	4.8° - 0.8°	
Linear FOV @ 100 yds	25.1' - 4.2'	
Linear FOV @ 100 m	8.4 m - 1.4 m	
Turret Type	Uncapped Pull to Unlock, Push to Lock with Zero Stop	
Elevation Travel	Up 19 MRAD, Down 13.5 MRAD	
Windage Travel	Right 5 MRAD, Left 5 MRAD	
Travel Per Revolution	10 MRAD	
Eye Relief	3.94" / 100 mm	
Exit Pupil	11 mm - 2.1 mm	
Diopter	-3D - +2D	
Click Value	0.1 MRAD	
Parallax	30 yds (27.4 m) - ∞	
Length	14.13" (359 mm)	
Weight	33.7 oz (956 g)	



(* REFER TO P. 020 - 025 FOR RETICLE DETAILS.)



HIGH POWER [LR/ELR]

For long range and extreme long-range engagements, high powered scopes feature some of the largest objective lenses which invite the most amount of light through the system and ultimately transmitted to the eye. A wide magnification range with an extremely high top-end magnification is also inherent. These characteristics amongst others provide the means for shooters, at extremely long ranges, to positively identify, acquire, and engage small targets.



IX606FM1

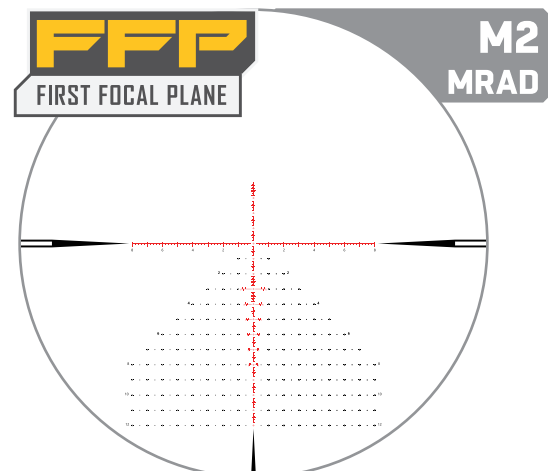
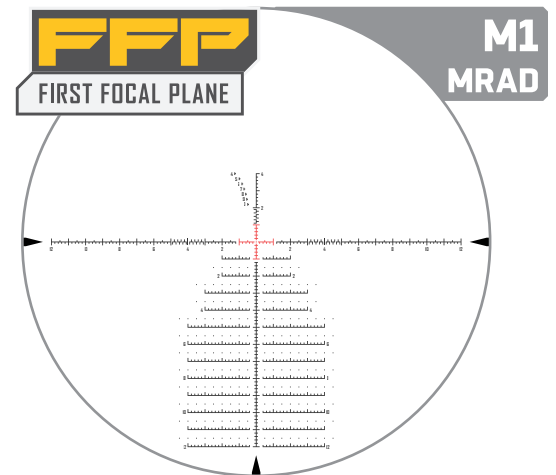
IX6 6-36X56 34MM FFP / M1 MRAD

IX606FM2

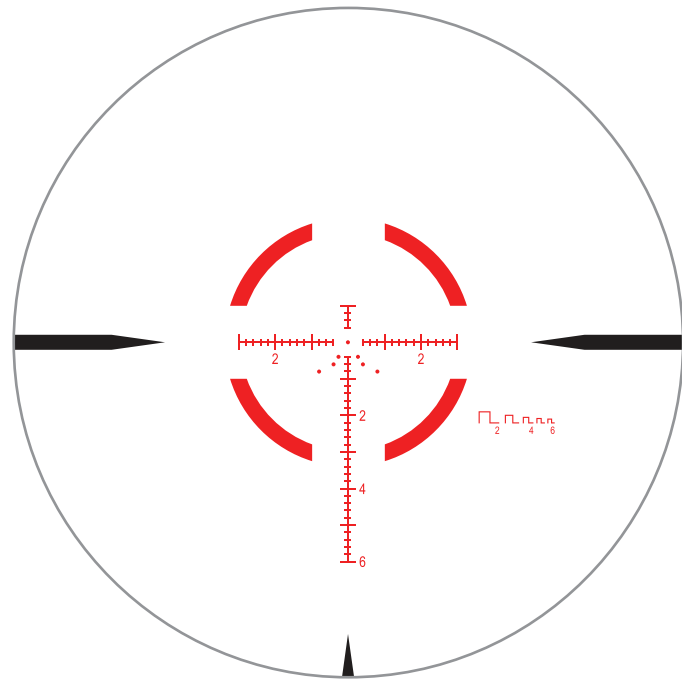
IX6 6-36X56 34MM FFP / M2 MRAD



	IX606FM1	IX606FM2
Focal Plane	FFP	
Reticle	M1 MRAD	M2 MRAD
Illumination	Red & Green, 8 Brightness Settings	
Magnification	6X - 36X	
Tube Diameter	34 mm	
Objective Diameter	56 mm	
Angular FOV	4.3° - 0.7°	
Linear FOV @ 100 yds	22.5' - 3.9'	
Linear FOV @ 100 m	7.5 m - 1.3 m	
Turret Type	Uncapped Pull to Unlock, Push to Lock with Zero Stop	
Elevation Travel	Up 19 MRAD, Down 13.5 MRAD	
Windage Travel	Right 5 MRAD, Left 5 MRAD	
Travel Per Revolution	10 MRAD	
Eye Relief	3.54" (90 mm)	
Exit Pupil	9.2 mm - 1.6 mm	
Diopter	-3D - +2D	
Click Value	0.1 MRAD	
Parallax	10 yds (10 m) - ∞	
Length	15.08" (383 mm)	
Weight	39.5 oz (1021 g)	

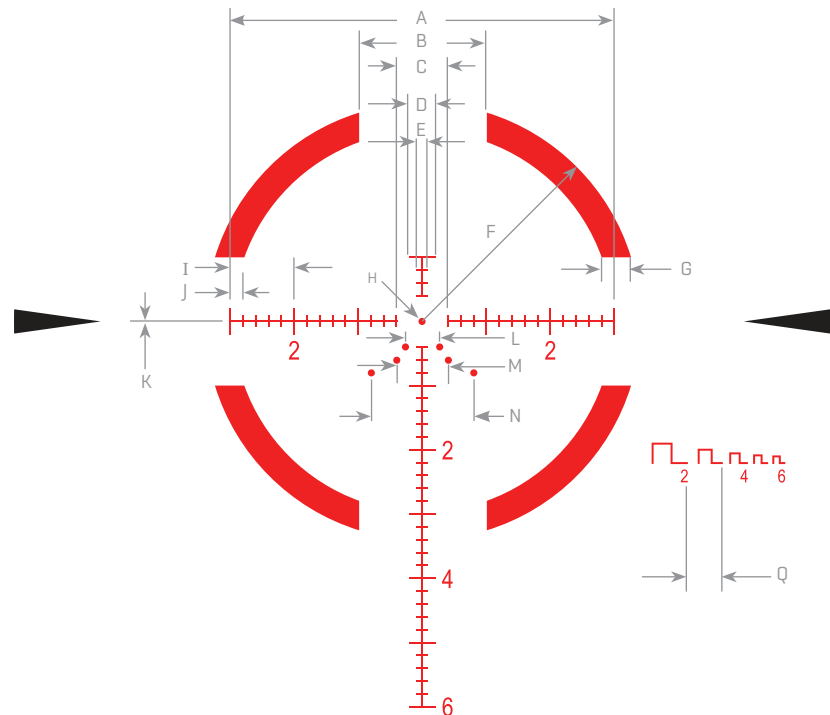


(* REFER TO P. 020 - 025 FOR RETICLE DETAILS.)



A1 MOA GLASS RETICLE

At 1X, a quick-to-acquire T-Dot enclosed within a 68 MOA segmented circle makes close up work, quick and to the point, functioning similarly to a dot sight. At higher magnifications the reticle opens up to provide users with a crisp 1 MOA center dot, range estimation out to 600 yards (549 m), and hash marks up to 60 MOA vertically for holdover and 30 MOA horizontally left and right in 2 MOA increments.

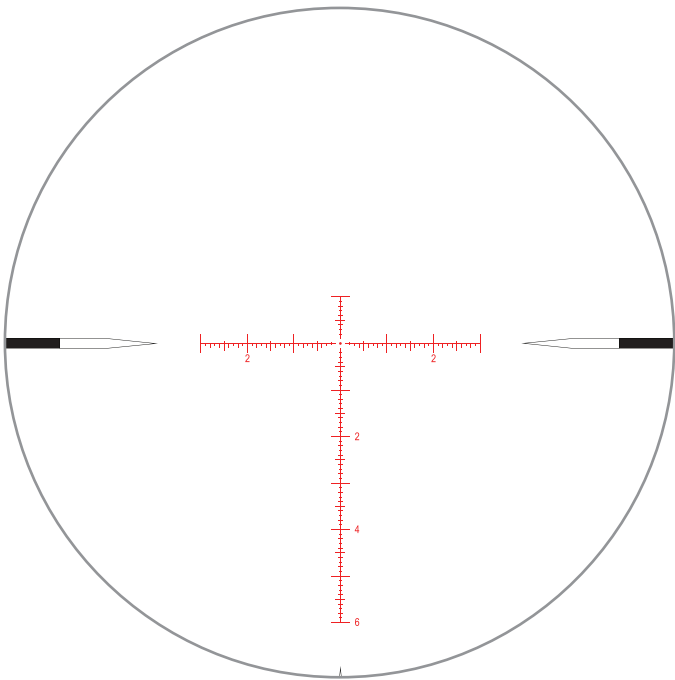


RETICLE BREAKDOWN

Unit	A	B	C	D	E	F	G	H	I	J	K
MOA	60	20	8	4	2	34	4	1	10	2	0.25

18 INCH TARGET RANGING

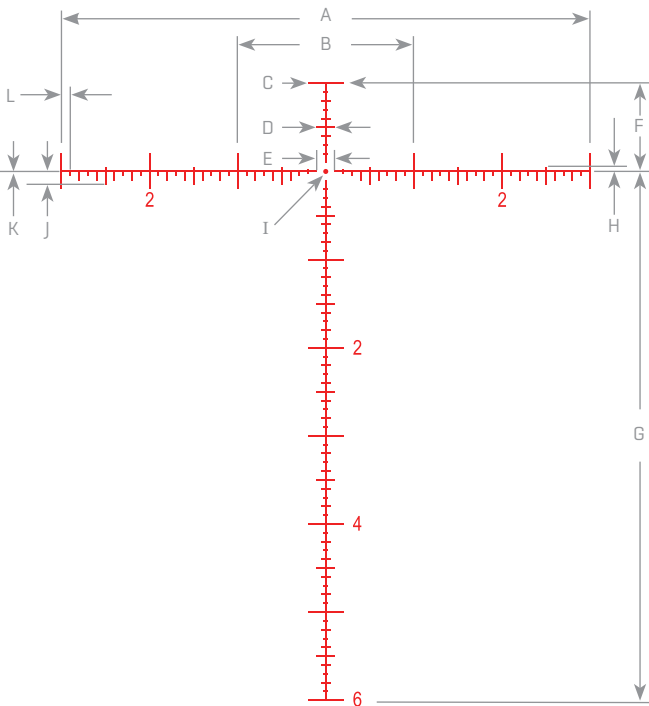
Unit	L	M	N	Q
in @ 100 yds			18	
in @ 200 yds		18		
in @ 300 yds	18			18



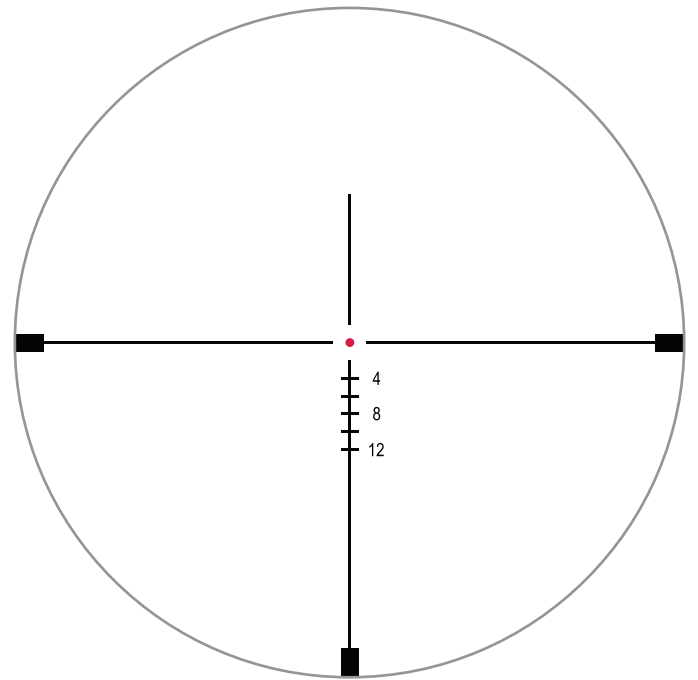
A2 MOA GLASS RETICLE

Clutter-free at both low and high magnifications to supplement overall FOV qualities, the German Duplex inspired A2 MOA reticle features sub-tensions that transition from being bolded to see-through while tapering down to a fine point towards the reticle's center. The center crosshair, at low magnification, provides a quick-to-acquire T-Dot and fully illuminates.

The T-Dot at higher magnification opens up and provides an unobtrusive 0.5 MOA floating center dot which focuses the eyes to the center of the reticle and frees up space between it and the remainder of the reticle to provide a better view of critical target details. The reticle spans 10 MOA up and 60 MOA down and 30 MOA left and right in 1 MOA increments.

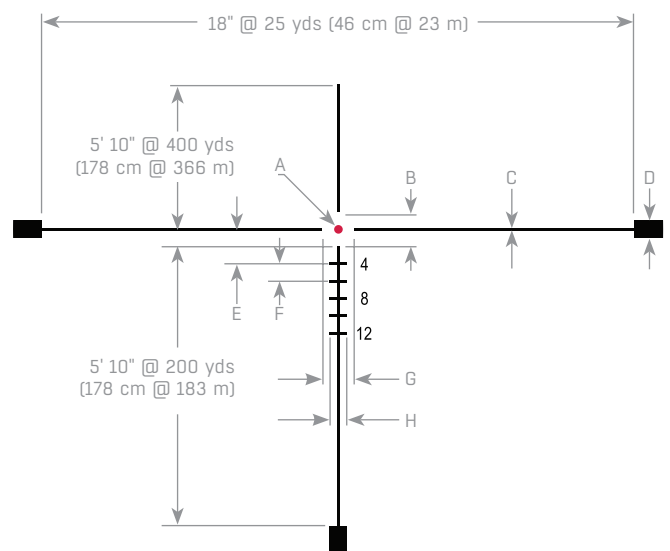


RETICLE BREAKDOWN												
Unit	A	B	C	D	E	F	G	H	I	J	K	L
MOA	60	20	4	2	2	10	60	0.5	0.5	1.5	0.125	1

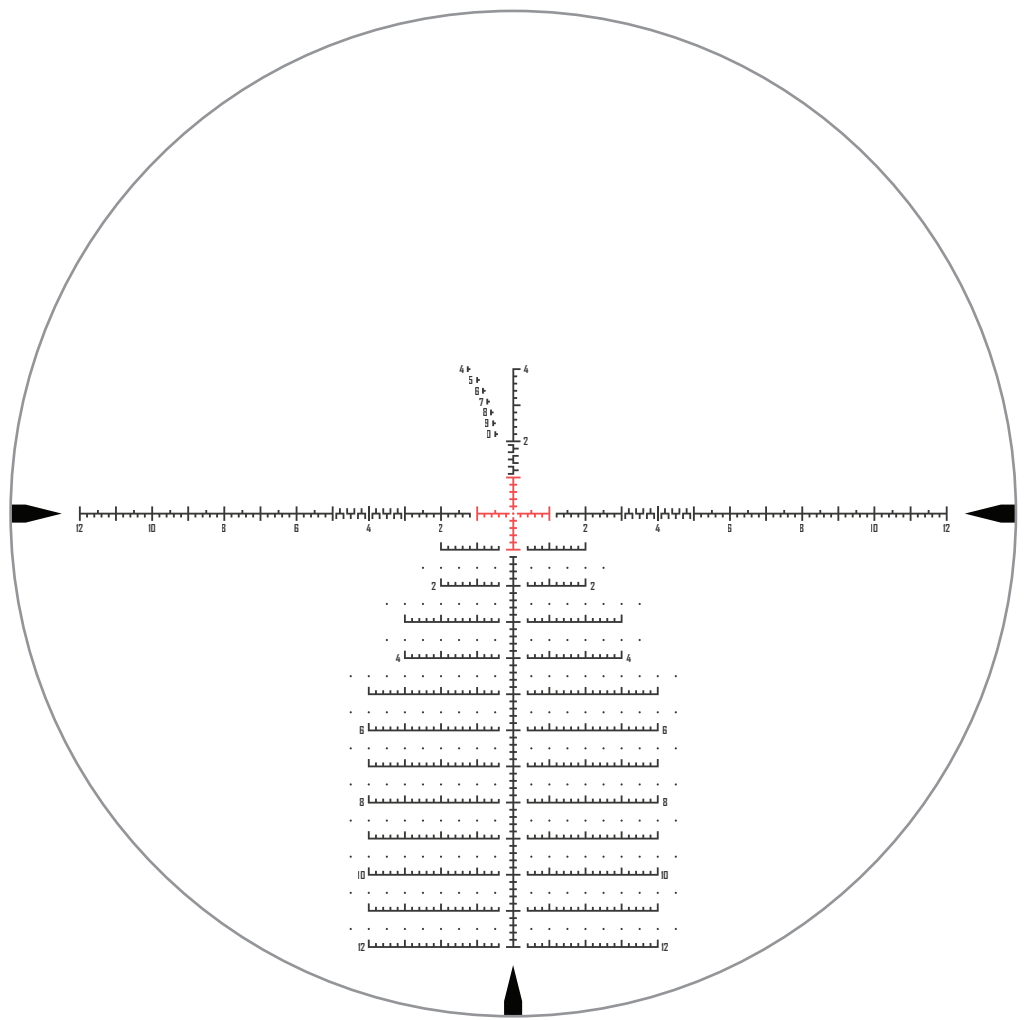


A3 MOA GLASS RETICLE

Derived from the traditional German 4 reticle and catered towards the IPSC rifle shooter is our A3 MOA Reticle. This reticle showcases three 2 MOA thick stadia coming in from the outer edges and traversing towards the center in a similar fashion to that of a duplex and stepping down in thickness to 1/4 MOA along the way. The focal point boasts a 1 MOA floating dot which illuminates, ensuring the utmost precision for your center hold. Moreover, the reticle offers MOA holdover marks, extending up to 12 MOA for those moments where you require more reach.



RETICLE BREAKDOWN								
Unit	A	B	C	D	E	F	G	H
MOA	1	4	0.25	2	4	2	4	2



M1 MRAD GLASS RETICLE

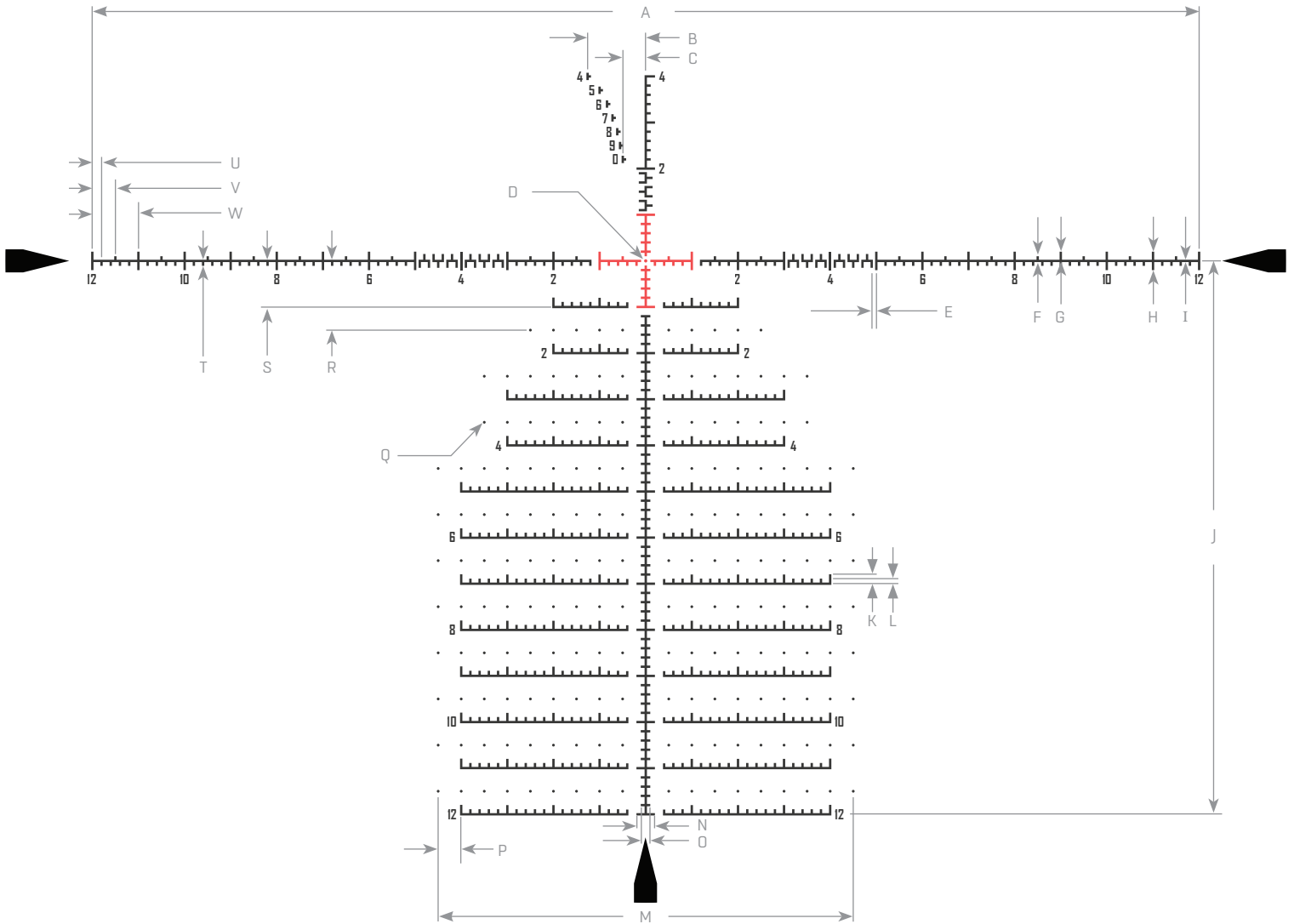
TRIED & TRUE TRADITIONALIST

A tried-and-true MRAD Reticle made for true marksmen looking to challenge themselves at ranges most could not reach.

RETICLE HOLDOVERS: Your reticle features 12 Mils of holdovers broken into 0.2 Mil increments for exact shot placement. Vertical and horizontal stadia feature 1-2 Mils of 0.1 Mil increments for finer measurements.

WIND HOLDS: The main horizontal stadia include 24 Mils of wind holds with 2 Mils of 0.1 Mil increments on both sides. Do not be afraid to have fun in the wind with up to 4.5 Mils of wind holds.

QUICK RANGING SYSTEM: A quick-ranging system is built into the M1 reticle, able to range an 18-inch (46 cm) width target from 400 to 1,000 yards (366 to 914 m).

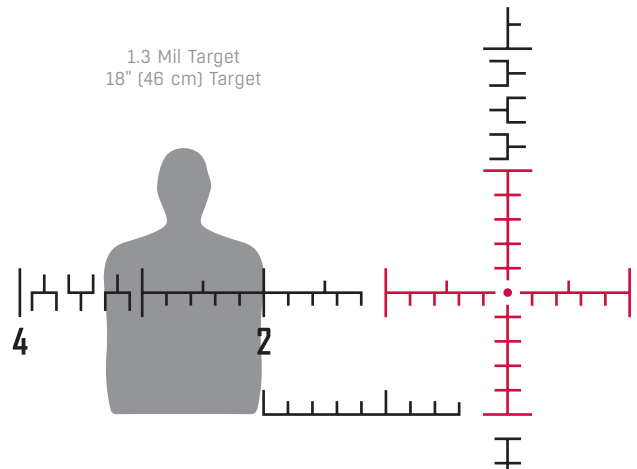
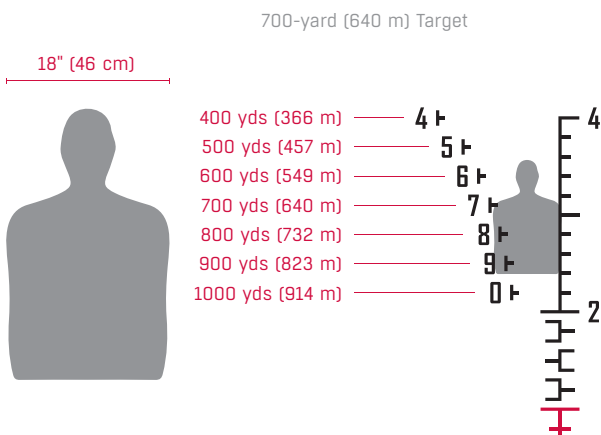


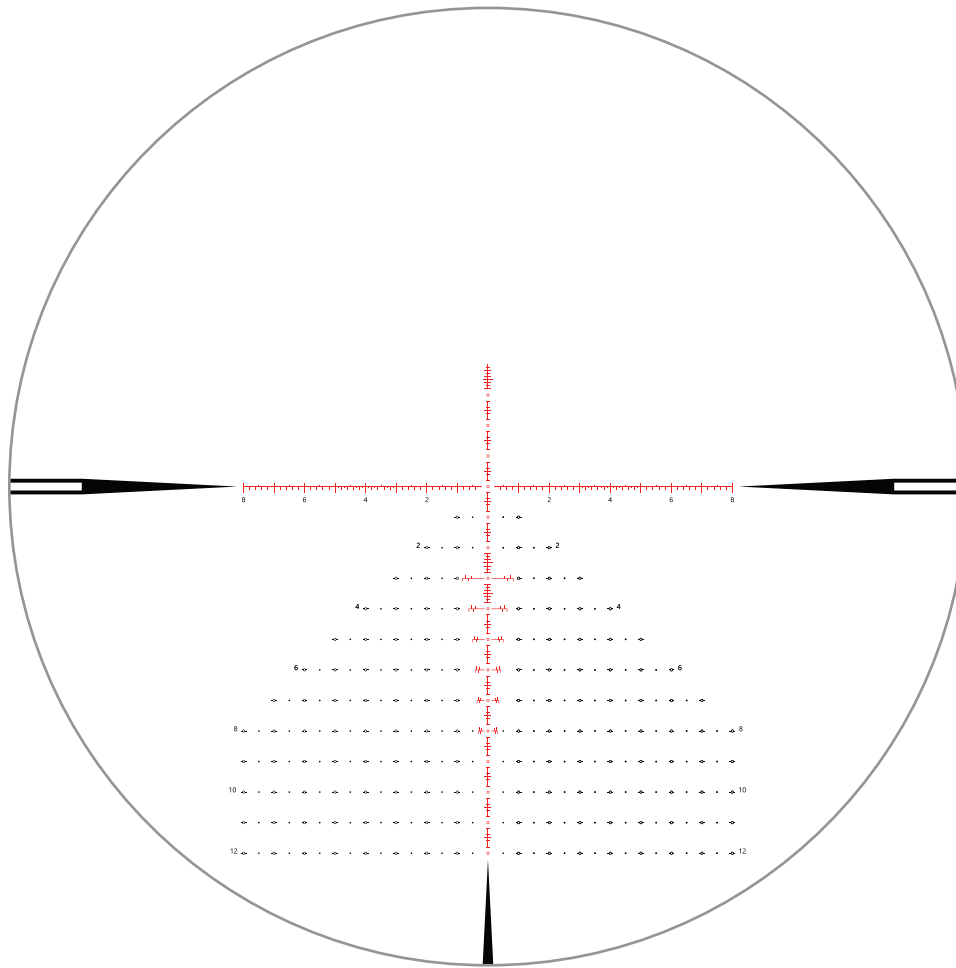
RETICLE BREAKDOWN

Unit	A	D	E	F	G	H	I	J	K	L	M
MRAD	24	0.05	0.1	0.1	0.15	0.4	0.03	12	0.2	0.1	9

Unit	N	O	P	Q	R	S	T	U	V	W
MRAD	0.4	0.2	0.5	0.05	1.5	1	0.1	0.2	0.5	1

18 INCH TARGET RANGING			
Unit	B	Unit	C





M2 MRAD GLASS RETICLE

CLEAN & SIMPLE WITH EVERYTHING YOU NEED

A modern, clutter-free, and minimalist design, specifically designed for the tactical yet simple marksman.

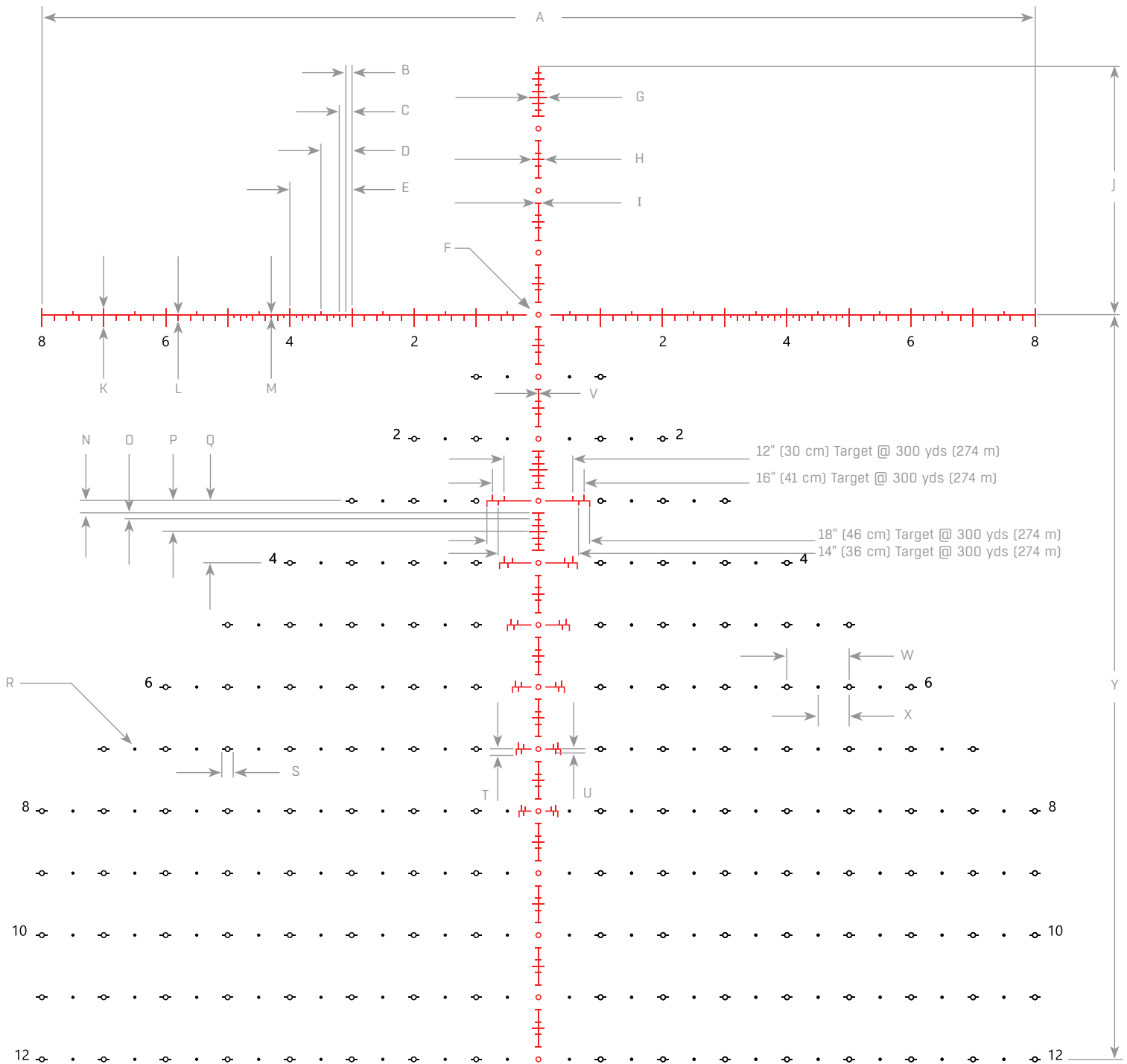
DONUT RETICLE: Our donut reticle brings a new meaning to, Don't fire till you see the whites of their eyes. At the center, a precise .1 Mil floating donut that acts as your aiming point, which is replicated throughout the main vertical stadia at 1 Mil increments. The hollow center allows you see the color of your target and the color change as it moves.

RAPID RANGING SYSTEM: Our rapid-ranging brackets range from 300 yards (274 m) to 800 yards (732 m), suitable for targets with widths of 6-9 inches (15-23 cm) or 12-18 inches (30-46 cm). Markings at 18, 16, 14, and 12 inches (46, 41, 36, and 30 cm) along with halfway points allow you to finely measure with ultimate speed and flexibility.

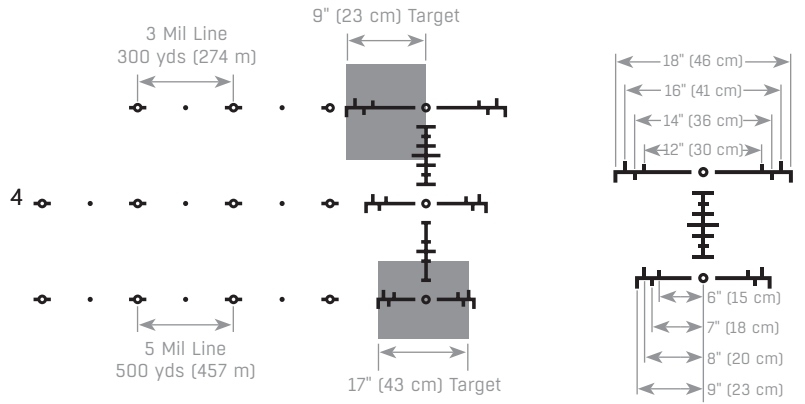
HOLDOVERS: Maximum field of view with a wide-open top half of the glass, while providing 4 Mils of hold-under for compensating speed drops or aiding competition air gunners. Your main crosshairs feature 0.2 Mil increments with 0.5 Mil markings at the center of each segment. Additionally, both directions feature 2 Mils of 0.1 Mil increments for finer measurements.

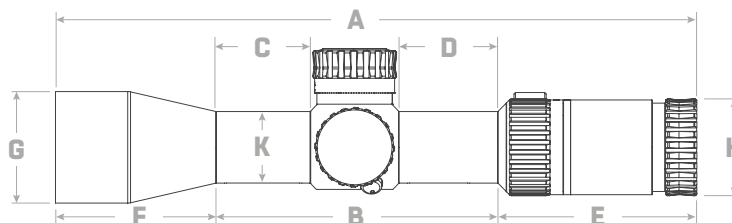
WIND HOLDS: Wind holds are spaced in 1 Mil increments up to 8 Mils, complemented by .05 Mil dots for .5 Mil holds. Wind holds feature .1 Mil wings to help your eye follow the line of donuts.

ILLUMINATION: The main crosshairs and ranging brackets are the only illuminated parts of the reticle, enhancing visibility in low-light conditions. Illumination comes in red and green with 8 brightness settings and 12-hour auto shutoff.



RETICLE BREAKDOWN									
Unit	A	B	C	D	E	F	G	H	
MRAD	16	0.1	0.2	0.5	1	0.1	0.3	0.2	
Unit	I	J	K	L	M	N	O	P	
MRAD	0.1	4	0.3	0.1	0.05	0.2	0.1	0.5	
Unit	Q	R	S	T	U	V	W	X	Y
MRAD	1	0.05	0.12	0.1	0.075	0.02	1	0.5	12





STRUCTURAL SPECIFICATIONS

	iX801FA1		iX801SA3		iX603FA2		iX603FM1	
Magnification	Low Power: 1	High Power: 8	Low Power: 1	High Power: 8	Low Power: 3	High Power: 18	Low Power: 3	High Power: 18
Focal Plane	First Focal Plane		Second Focal Plane		First Focal Plane		First Focal Plane	
Parallax	Preset @ 100 yds (91.4 m)		Preset @ 100 yds (91.4 m)		30 yds (27.4 m) - Infinity		30 yds (27.4 m) - Infinity	
Reticle Type	MOA		MOA		MOA		MRAD	
Reticle Pattern	A1 Reticle		A3 Reticle		A2 Reticle		M1 Reticle	
Daylight Visible Reticle	Yes		Yes		Yes		Yes	
Illuminated Color	Red & Green, 10 Brightness Settings				Red & Green, 8 Brightness Settings			
Brightness Setting	Side Rotary Tower / Positive Mechanical Stop				Integrated with Side A.O. Press / Positive Logical Stop			
Auto Shutoff Feature	12 Hours		12 Hours		12 Hours			
Battery Type	CR2032 3V		CR2032 3V		CR2032 3V			
Click Value	1/2 MOA		1/2 MOA		1/4 MOA		0.1 MRAD	
Elevation Travel	Up 60 MOA	Down 40 MOA	Up 60 MOA	Down 40 MOA	Up 60 MOA	Down 30 MOA	Up 19 MRAD	Down 13.5 MRAD
Total Elevation	100 MOA		100 MOA		90 MOA		32.5 MRAD	
Windage Travel	Right 25 MOA	Left 25 MOA	Right 25 MOA	Left 25 MOA	Right 12 MOA	Left 12 MOA	Right 5 MRAD	Left 5 MRAD
Total Windage	50 MOA		50 MOA		24 MOA		10 MRAD	
Travel Per Revolution	50 MOA		50 MOA		24 MOA		10 MRAD	
Elevation Turret Locking	Uncapped Pull to Unlock / Push to Lock				Uncapped Pull to Unlock / Push to Lock with Zero Stop			
Windage Turret Locking	Uncapped Pull to Unlock / Push to Lock				Uncapped Pull to Unlock / Push to Lock			
Waterproof	IPX7		IPX7		IPX7		IPX7	
Recoil Proof	.338 Lapua Magnum Rated		.338 Lapua Magnum Rated		.338 Lapua Magnum Rated		.338 Lapua Magnum Rated	
Fog Proof	Nitrogen Purged		Nitrogen Purged		Nitrogen Purged		Nitrogen Purged	
Temperature Operating Range	-40°F (-40°C) to +160°F (+71°C)		-40°F (-40°C) to +160°F (+71°C)		-40°F (-40°C) to +160°F (+71°C)		-40°F (-40°C) to +160°F (+71°C)	
Country of Manufacture	Taiwan		Taiwan		Taiwan		Taiwan	

OPTICAL SPECIFICATIONS

	LOW POWER		HIGH POWER		LOW POWER		HIGH POWER		LOW POWER		HIGH POWER	
Magnification	1	8	1	8	3	18	3	18	3	18	3	18
Angular FOV	21.8°	2.7°	21.8°	2.7°	7.2°	1.2°	7.2°	1.2°	7.2°	1.2°	7.2°	1.2°
Linear FOV @ 100 yds	115.5'	14.1'	115.5'	14.1'	37.7'	6.3'	37.7'	6.3'	37.7'	6.3'	37.7'	6.3'
Linear FOV @ 100 m	38.5 m	4.7 m	38.5 m	4.7 m	12.6 m	2.1 m	12.6 m	2.1 m	12.6 m	2.1 m	12.6 m	2.1 m
Exit Pupil Diameter	10 mm	3.5 mm	11 mm	3.5 mm	11 mm	2.5 mm	11 mm	2.5 mm	11 mm	2.5 mm	11 mm	2.5 mm
Eye Relief	3.74" (95 mm)		3.74" (95 mm)		3.94" (100 m)		3.94" (100 m)		3.94" (100 m)		3.94" (100 m)	
Parallax	Preset @ 100 yds (91.4 m)		Preset @ 100 yds (91.4 m)		30 yds (27.4 m) - Infinity		30 yds (27.4 m) - Infinity		30 yds (27.4 m) - Infinity		30 yds (27.4 m) - Infinity	
Ocular Diopter Adjustment	-3D - +2D		-3D - +2D		-3D - +2D		-3D - +2D		-3D - +2D		-3D - +2D	
Lens Coating	Multi-layer Anti-reflection Coating				Multi-layer Anti-reflection Coating				Multi-layer Anti-reflection Coating			
Light Transmission	92%		92%		92%		92%		92%		92%	
Effective Objective Diameter	28 mm		28 mm		44 mm		44 mm		44 mm		44 mm	

DIMENSIONS

	IMPERIAL		METRIC		IMPERIAL		METRIC		IMPERIAL		METRIC	
Overall Length (A)	10.91"	277 mm	10.91"	277 mm	11.89"	302 mm	11.89"	302 mm	11.89"	302 mm	11.89"	302 mm
Eyepiece Bell to Objective Bell Length (B)	6.46"	164 mm	6.46"	164 mm	5.28"	134 mm	5.28"	134 mm	5.28"	134 mm	5.28"	134 mm
Objective Bell to Turret Length (C)	2.17"	55 mm	2.17"	55 mm	1.77"	45 mm	1.77"	45 mm	1.77"	45 mm	1.77"	45 mm
Eyepiece Bell to Turret Length (D)	2.64"	67 mm	2.64"	67 mm	1.85"	47 mm	1.85"	47 mm	1.85"	47 mm	1.85"	47 mm
Ocular Tube Length (E)	3.39"	86 mm	3.39"	86 mm	3.46"	88 mm	3.46"	88 mm	3.46"	88 mm	3.46"	88 mm
Objective Tube Length (F)	1.06"	27 mm	1.06"	27 mm	3.15"	80 mm	3.15"	80 mm	3.15"	80 mm	3.15"	80 mm
Objective Diameter (G)	1.38"	35 mm	1.38"	35 mm	2.09"	53 mm	2.09"	53 mm	2.09"	53 mm	2.09"	53 mm
Eyepiece Diameter (H)	1.81"	46 mm	1.81"	46 mm	1.81"	46 mm	1.81"	46 mm	1.81"	46 mm	1.81"	46 mm
Tube Diameter (K)	1.34"	34 mm	1.34"	34 mm	1.34"	34 mm	1.34"	34 mm	1.34"	34 mm	1.34"	34 mm
Elevation Turret Height	1.00"	25.3 mm	1.00"	25.3 mm	1.04"	26.3 mm	1.04"	26.3 mm	1.04"	26.3 mm	1.04"	26.3 mm
Windage Turret Height	1.00"	25.3 mm	1.00"	25.3 mm	1.04"	26.3 mm	1.04"	26.3 mm	1.04"	26.3 mm	1.04"	26.3 mm
Parallax/Illumination Turret Height	0.87"	22.1 mm	0.87"	22.1 mm	0.97"	24.7 mm	0.97"	24.7 mm	0.97"	24.7 mm	0.97"	24.7 mm
Elevation Turret Diameter	1.57"	40 mm	1.57"	40 mm	1.65"	42 mm	1.65"	42 mm	1.65"	42 mm	1.65"	42 mm
Windage Turret Diameter	1.57"	40 mm	1.57"	40 mm	1.65"	42 mm	1.65"	42 mm	1.65"	42 mm	1.65"	42 mm
Parallax/Illumination Turret Diameter	1.42"	36 mm	1.42"	36 mm	1.50"	38 mm	1.50"	38 mm	1.50"	38 mm	1.50"	38 mm
Weight	25.3 oz	716 g	25.3 oz	716 g	29.7 oz	841 g	29.7 oz	841 g	29.7 oz	841 g	29.7 oz	841 g

FIND WHAT'S RIGHT FOR YOU

STRUCTURAL SPECIFICATIONS

	iX645FM1		iX645FM2		iX606FM1		iX606FM2	
Magnification	Low Power: 4.5	High Power: 27	Low Power: 4.5	High Power: 27	Low Power: 6	High Power: 36	Low Power: 6	High Power: 36
Focal Plane	First Focal Plane		First Focal Plane		First Focal Plane		First Focal Plane	
Parallax	30 yds (27.4 m) - Infinity		30 yds (27.4 m) - Infinity		10 yds (10 m) - Infinity		10 yds (10 m) - Infinity	
Reticle Type	MRAD		MRAD		MRAD		MRAD	
Reticle Pattern	M1 Reticle		M2 Reticle		M1 Reticle		M2 Reticle	
Daylight Visible Reticle	Yes		Yes		Yes		Yes	
Illuminated Color	Red & Green, 8 Brightness Settings				Red & Green, 8 Brightness Settings			
Brightness Setting	Integrated with Side A.O. Press / Positive Logical Stop				Integrated with Side A.O. Press / Positive Logical Stop			
Auto Shutoff Feature	12 Hours		12 Hours		12 Hours		12 Hours	
Battery Type	CR2032 3V		CR2032 3V		CR2032 3V		CR2032 3V	
Click Value	0.1 MRAD		0.1 MRAD		0.1 MRAD		0.1 MRAD	
Elevation Travel	Up 19 MRAD	Down 13.5 MRAD	Up 19 MRAD	Down 13.5 MRAD	Up 19 MRAD	Down 13.5 MRAD	Up 19 MRAD	Down 13.5 MRAD
Total Elevation	32.5 MRAD		32.5 MRAD		32.5 MRAD		32.5 MRAD	
Windage Travel	Right 5 MRAD	Left 5 MRAD	Right 5 MRAD	Left 5 MRAD	Right 5 MRAD	Left 5 MRAD	Right 5 MRAD	Left 5 MRAD
Total Windage	10 MRAD		10 MRAD		10 MRAD		10 MRAD	
Travel Per Revolution	10 MRAD		10 MRAD		10 MRAD		10 MRAD	
Elevation Turret Locking	Uncapped Pull to Unlock / Push to Lock with Zero Stop				Uncapped Pull to Unlock / Push to Lock with Zero Stop			
Windage Turret Locking	Uncapped Pull to Unlock / Push to Lock				Uncapped Pull to Unlock / Push to Lock			
Waterproof	IPX7		IPX7		IPX7		IPX7	
Recoil Proof	.338 Lapua Magnum Rated		.338 Lapua Magnum Rated		.338 Lapua Magnum Rated		.338 Lapua Magnum Rated	
Fog Proof	Nitrogen Purged		Nitrogen Purged		Nitrogen Purged		Nitrogen Purged	
Temperature Operating Range	-40°F (-40°C) to +160°F (+71°C)		-40°F (-40°C) to +160°F (+71°C)		-40°F (-40°C) to +160°F (+71°C)		-40°F (-40°C) to +160°F (+71°C)	
Country of Manufacture	Taiwan		Taiwan		Taiwan		Taiwan	

OPTICAL SPECIFICATIONS

	LOW POWER	HIGH POWER	LOW POWER	HIGH POWER	LOW POWER	HIGH POWER	LOW POWER	HIGH POWER
Magnification	4.5	27	4.5	27	6	36	6	36
Angular FOV	4.8°	0.8°	4.8°	0.8°	4.3°	0.7°	4.3°	0.7°
Linear FOV @ 100 yds	25.1'	4.2'	25.1'	4.2'	22.5'	3.9'	22.5'	3.9'
Linear FOV @ 100 m	8.4 m	1.4 m	8.4 m	1.4 m	7.5 m	1.3 m	7.5 m	1.3 m
Exit Pupil Diameter	11 mm	2.1 mm	11 mm	2.1 mm	9.2 mm	1.6 mm	9.2 mm	1.6 mm
Eye Relief	3.94" (100 m)		3.94" (100 m)		3.94" (100 m)		3.94" (100 m)	
Parallax	30 yds (27.4 m) - Infinity		30 yds (27.4 m) - Infinity		30 yds (27.4 m) - Infinity		30 yds (27.4 m) - Infinity	
Ocular Diopter Adjustment	-3D - +2D		-3D - +2D		-3D - +2D		-3D - +2D	
Lens Coating	Multi-layer Anti-reflection Coating				Multi-layer Anti-reflection Coating			
Light Transmission	92%		92%		92%		92%	
Effective Objective Diameter	56 mm		56 mm		56 mm		56 mm	

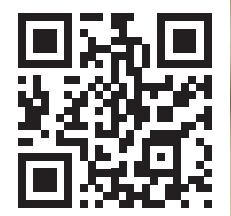
DIMENSIONS

	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC	IMPERIAL	METRIC
Overall Length (A)	14.13"	359 mm	14.13"	359 mm	15.08"	383 mm	15.08"	383 mm
Eyepiece Bell to Objective Bell Length (B)	5.71"	145 mm	5.71"	145 mm	6.22"	158 mm	6.22"	158 mm
Objective Bell to Turret Length (C)	1.97"	50 mm	1.97"	50 mm	2.20"	56 mm	2.20"	56 mm
Eyepiece Bell to Turret Length (D)	1.97"	50 mm	1.97"	50 mm	2.20"	56 mm	2.20"	56 mm
Ocular Tube Length (E)	3.46"	88 mm	3.46"	88 mm	3.74"	95 mm	3.74"	95 mm
Objective Tube Length (F)	4.96"	126 mm	4.96"	126 mm	5.12"	130 mm	5.12"	130 mm
Objective Diameter (G)	2.56"	65 mm	2.56"	65 mm	2.56"	65 mm	2.56"	65 mm
Eyepiece Diameter (H)	1.81"	46 mm	1.81"	46 mm	1.89"	48 mm	1.89"	48 mm
Tube Diameter (K)	1.34"	34 mm	1.34"	34 mm	1.34"	34 mm	1.34"	34 mm
Elevation Turret Height	1.16"	29.4 mm	1.16"	29.4 mm	1.18"	29.9 mm	1.18"	29.9 mm
Windage Turret Height	1.16"	29.4 mm	1.16"	29.4 mm	1.18"	29.9 mm	1.18"	29.9 mm
Parallax/Illumination Turret Height	1.13"	28.7 mm	1.13"	28.7 mm	0.94"	24 mm	0.94"	24 mm
Elevation Turret Diameter	1.65"	42 mm	1.65"	42 mm	1.65"	42 mm	1.65"	42 mm
Windage Turret Diameter	1.65"	42 mm	1.65"	42 mm	1.65"	42 mm	1.65"	42 mm
Parallax/Illumination Turret Diameter	1.50"	38 mm	1.50"	38 mm	1.57"	40 mm	1.57"	40 mm
Weight	33.7 oz	956 g	33.7 oz	956 g	39.5 oz	1121 g	39.5 oz	1121 g

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