



DESIGNED BY SHOOTERS FOR SHOOTERS







# PERFORMANCE CENTER

Shop online from our wide range of *rifle scopes* and *accessories* using our new perform ance center catalogue.

Our range of airgun accessories has been designed, developed and tested in conjunction with Daystate and BRK's quality values to ensure we supply the highest quality accessory that work perfectly with Daystate and BRK rifles. Our accessory range allows you to personalise your rifle to suit your individual style but also caters for those functional spares. Whatever you need, the Perform ance Center has it!

All parts supplied from our UK warehouse. To find our accessories, parts and to order just scan the QR code.

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## INTRODUCTION

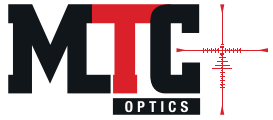
MTC Optics was born because shooters wanted a product that satisfied their specific needs. Its founding philosophy was unreservedly based on the company's connection with grass roots shooters and a drive to provide the most exciting and well-made scopes at a cost shooters could afford. That philosophy still holds true today, some 18 years since MTC's inception.

We are proud to present the 2024 line of MTC Optics scopes and accessories, all of which follow our long-standing mantra:

**DESIGNED BY SHOOTERS FOR SHOOTERS**

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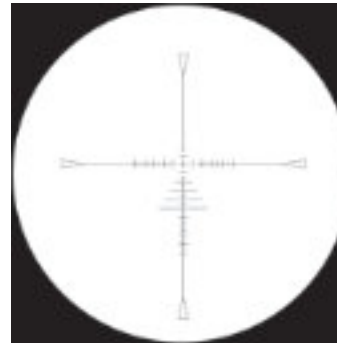




## RETICLE FOCAL PLANES

In rifle scope design, the crosshairs can be placed in either the first or second focal plane. Most MTC Optics models have second focal plane reticles, but there are exceptions. Our King Cobra flagship range (*see page 6*) offers models with either first or second focal plane reticles, designated F1 and F2 respectively. While neither type is necessarily 'better', they each have characteristics that may better suit a shooter's personal requirements.

MTC Optics offers two, exclusively designed reticles in its range - SCB2 and AMD2.



SCB2 Reticle

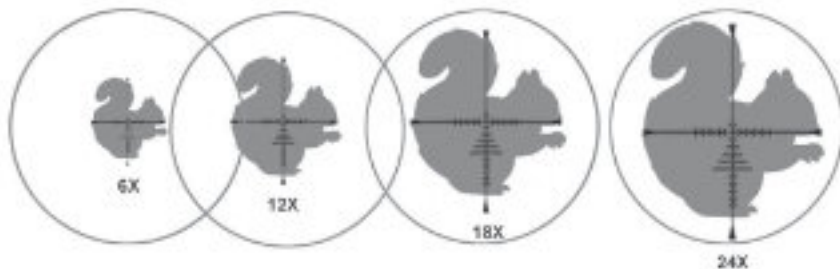


AMD2 Reticle

### F1 MODELS (FIRST FOCAL PLANE)

As you zoom the magnification in and out, both the reticle and the target will remain in constant proportion. This means the reference points of the reticle always stay the same in relation to the target, regardless of the magnification setting.

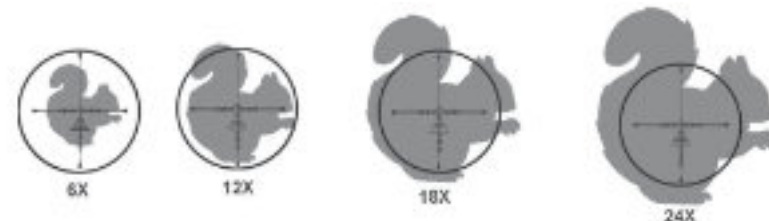
#### FIRST FOCAL PLANE



### F2 MODELS (SECOND FOCAL PLANE)

As you zoom the magnification in and out, the reticle will stay a constant size, but the target will appear larger or smaller. This means the reference points of the reticle can be used to 'bracket' the target at different magnifications – a system that can assist range-finding. *Note: Any MIL-based spacings on the crosshair will only be 'true' at 10x magnification on F2 models.*

#### SECOND FOCAL PLANE







**MTC**  
OPTICS



## KING COBRA 8-32x50 F1 & F2

The King Cobra 8-32x50 has been crafted for long range shooters who need extra magnification as well as the ability to dial in at extended ranges, perhaps having to compensate for a greater trajectory curve. To help with this, the 8-32x is fitted with our new AMD2 reticle and patented 'SMART' turret which contains a micro gearbox. Rotating at a 2:1 ratio, three rotations of the top turret translate to a single rotation of the indicator drum, making it much easier to know where you are in terms of rotations. Its turret 'window' shows a customisable ribbon that indicates exactly the information you want from MILs to MOA – even yards or metres can be displayed. It's your choice.



King Cobra 8-32x50 F1/F2



KING COBRA 4-16x50 F1/F2		KING COBRA 6-24x50 F1/F2		KING COBRA 8-32x50 F1/F2	
Magnification	4-16x	Magnification	6-24x	Magnification	8-32x
Objective lens	50mm	Objective lens	50mm	Objective lens	50mm
Field of view @100m	8.22m / 2.05m	Field of view @100m	5.7m / 1.42m	Field of view @100m	4m / 1m
Dioptr adjustment	+2/-2	Dioptr adjustment	+2/-2	Dioptr adjustment	+2/-2
Eye relief	105mm	Eye relief	95mm	Eye relief	100mm
Parallax range	10m – infinity	Parallax range	15m – infinity	Parallax range	10m – infinity
Adj per click	1 click = 1cm @100m	Adj per click	1 click = 1cm @100m	Adj per click	1/20mil
Max turret adj	140cm @100m	Max turret adj	116cm @100m	Max turret adj	12MIL
Clicks per turret revolution	60	Clicks per turret revolution	60	Clicks per turret revolution	60
MILs per turret revolution	6	MILs per turret revolution	6	MILs per turret revolution	3
POI correction per click @100m	1cm	POI correction per click @100m	1cm	POI correction per click @100m	0.5cm
Tube diameter	30mm	Tube diameter	30mm	Tube diameter	30mm
Reticle position	FFP/SFP	Reticle position	FFP/SFP	Reticle position	FFP/SFP
Reticle type	SCB2	Reticle type	SCB2	Reticle type	AMD2
Length	360mm	Length	366mm	Length	415mm
Weight	746g/750g	Weight	750g/754g	Weight	820g



## KING COBRA

### A PERFECT STRIKE IN EVEN THE LOWEST LIGHT



King Cobra 4-16x50 F1/F2



King Cobra 6-24x50 F1/F2



*Which focal plane is right for you? First or second?*  
**King Cobra** has models in each.

Renowned for its fantastic eyesight, the King Cobra can detect prey up to 100 metres in the lowest of light conditions – which is why MTC Optics' very latest line of scopes adopted its name.

Our King Cobra models offer the keenest sight picture thanks to our use of the best lens multicoating technology. Combined with the versatility of wide zoom magnification and a fast-focus eyepiece, King Cobra rifle scopes give you snake eyes: you'll see the finest of detail, on the smallest of targets, at the longest of ranges.

All 4-16x and 6-24x King Cobra models offer click-stop adjustments in MILs actuated via lockable, finger-adjustable elevation and windage turrets. They also give you a choice between MTC's AMD2 or SCB2 multi-aimpoint reticle, providing numerous aiming points to counter trajectory and windage deviation. The central crosshair can be illuminated red to one of six brightness levels to suit any lighting scenario – and the King Cobra line has models in either the First or Second Focal Plane (see page 4).

To maximise light transmission and maintain a bright sight picture, the King Cobra's 30mm tube has been matched to a 50mm objective lens. It features side-mounted parallax adjustment to dial-out parallax error from infinity down to 10 metres – a feature that can also double as a handy rangefinder when used in conjunction with the King Cobra's highest magnification settings.





COPPERHEAD 3-12x44 F2		COPPERHEAD AND SAFARI 4-16x44 F2	
Magnification	3-12x	Magnification	4-16x
Objective lens	44mm	Objective lens	44mm
Field of view @100m	10.7m / 2.6m	Field of view @100m	7.9m / 1.9m
Dioptre adjustment	+2/-2	Dioptre adjustment	+2/-2
Eye relief	90mm	Eye relief	90mm
Parallax range	10m – infinity	Parallax range	10m – infinity
Adj per click	1 click = 1cm @100m	Adj per click	1 click = 1cm @100m
Max turret adj	116cm @100m	Max turret adj	116cm @100m
Clicks per turret revolution	60	Clicks per turret revolution	60
MILs per turret revolution	6	MILs per turret revolution	6
POI correction per click @100m	1cm	POI correction per click @100m	1cm
Tube diameter	30mm	Tube diameter	30mm
Reticle position	Second Focal Plane	Reticle position	Second Focal Plane
Reticle type	AMD2	Reticle type	AMD2
Length	248mm	Length	274mm
Weight	568g	Weight	690g





Copperhead 3-12x44 F2

## COPPERHEAD F2

A SUPER-COMPACT LINE THAT GOES LONG ON PERFORMANCE!

MTC Optics' super-compact Copperhead line – scopes that are considerably shorter and lighter than 'conventional' scopes, makes them more convenient and a better choice for smaller, lighter rifles.

Short in stature doesn't make the Copperhead F2 short in other departments and eye relief is similar to that on traditional scopes. Boasting good light transfer through its coated lenses, the Copperhead is the perfect alternative to the longer, flagship King Cobra when a more compact scope is desirable.

The Copperhead scopes offer pull-up/lock-down elevation and windage turrets, side parallax adjustment fast-focus eyepiece and flip-up lens covers.

Furthermore, the Copperhead features MTC Optics' AMD2 reticle for clear and uncluttered range markings out to extreme ranges. It also sports an illuminated central crosshair that can be set to a choice of six brightness settings to perfectly suit the sight picture.



Copperhead 4-16x44 F2



The Copperhead 4-16x44F2 Safari version



#### VIPER PRO 3-18x50

Magnification	3-18x
Objective lens	50mm
Field of view @100m	140m / 23m
Diopetre adjustment	+2/-2
Eye relief	86mm
Parallax range	10m – infinity
Adj per click	1/4" 1 click @100 yards
Max turret adj	73 MOA
Clicks per turret revolution	56
MILs per turret revolution	14
POI correction per click @100m	0.73cm
Tube diameter	30mm
Reticle position	Second Focal Plane
Reticle type	SCB2
Length	377mm
Weight	862g

#### VIPER PRO 5-30x50

Magnification	5-30x
Objective lens	50mm
Field of view @100m	140m / 23m
Diopetre adjustment	+2/-2
Eye relief	86mm
Parallax range	10m – infinity
Adj per click	1/4" 1 click @100 yards
Max turret adj	42 MOA
Clicks per turret revolution	40
MILs per turret revolution	10
POI correction per click @100m	0.73cm
Tube diameter	30mm
Reticle position	Second Focal Plane
Reticle type	SCB2
Length	417mm
Weight	889g



Viper Pro 5-30x50



## VIPER PRO

This revolutionary scope contains the most sophisticated turret design available. MTC Optics' 'Smart' top elevation turret contains a micro gearbox that rotates at a 3:1 ratio, meaning three rotations translate to a single rotation of its indicator drum. Gone are the days of inadvertently losing track of your turret adjustment and ending up a full turn out of zero.

What's more, the Smart Turret's window shows a customisable range tape ribbon\* to show you exactly the information you want. Read off in MILs, MOA, yards or metres – and you can even set the turret to click, spin silently or lock. The choices are all yours.

\*The Viper Pro's Smart Turret system is supported by MTC's interactive webpage – [mtcoptics.com/range-tape-calculator](http://mtcoptics.com/range-tape-calculator) – where you can create a printable range tape customised to your ammo's specific ballistics. Easy to follow, you can input distances substantially further and closer than your primary zero, then print off a custom range tape ribbon and install it to your scope's Smart Turret. This makes for faster, more accurate range compensation – and your shooting will be smarter for it.



Viper Pro's rear cover contains a 2x magnifier that makes reading the Smart Turret easier



SWAT 50 PRISMATIC 12×50	
Magnification	12x
Objective lens	50mm
Field of view @100m	10m
Diopetre adjustment	+4/-4
Eye relief	17.3mm
Parallax range	6m – infinity
Adj per click	1 click = 1cm @100m
Max turret adj	17.45 mrad
Clicks per turret revolution	42
MILs per turret revolution	4.2
POI correction per click @100m	1cm
Tube diameter	42mm
Reticle position	Fixed
Reticle type	SCB2
Length	156mm
Weight	480g



## SWAT 50 | PRISMATIC 12x50

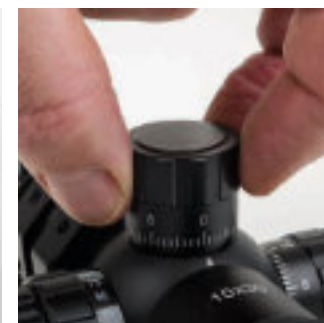
By virtue of its Super Wide-Angle Technology (SWAT), the field-of-view (FoV) from the SWAT's 50mm front lens is three times wider than a conventional scope. Put another way: you have a 12x magnification scope with the same FoV as a conventional scope dialled to a lowly 4x power.

With its short eye relief, the SWAT 50 Prismatic sits further back on your rifle's mounting rail, too. Short, medium and long Picatinny mount bases, with 11/12mm adaptors, are supplied as standard to match the SWAT 50 to every type of rifle, from a full-length sporter to the shortest bullpup. Day and low-light shooters will be equally as happy with the SWAT 50's all-round capabilities because its prismatic lenses suck in more light than any conventional 12x scope, making it a top choice for shooting in low-light situations.

Its multi-faceted SCB2 crosshair can also be illuminated to one of 10 brightness levels at the push of a button, and comes with brightness control to suit all lighting scenarios.

The stacked array of prismatic lenses also means the SWAT 50 measures up at just 156mm – shorter than even MTC's new compact Copperhead 12x power model (see page 8).

Complete with MTC's magnetic flip cover and an innovative new mount with integral tilt adjustment to help achieve 'optical' zero – where perfect zero only requires the minimal of turret adjustments, the SWAT 50 is a truly unique kind of rifle scope.





SWAT 30 PRISMATIC 10×30	
Magnification	10x
Objective lens	30mm
Field of view @100m	10m
Dioptre adjustment	+4/-4
Eye relief	14mm
Parallax range	6m – infinity
Adj per click	1 click = 1cm @100m
Max turret adj	17.45 mrad
Clicks per turret revolution	42
MILs per turret revolution	4.2
POI correction per click @100m	1cm
Tube diameter	34mm
Reticle position	Fixed
Reticle type	SCB2
Length	123mm
Weight	300g





## SWAT 30 | PRISMATIC 10x30 'ATOM'

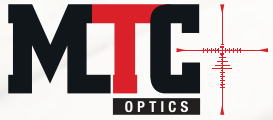
MTC's smaller 10x30 SWAT Prismatic model has earned the nickname 'Atom' due to its diminutive size.

Like its (slightly) larger 12x50 sibling, the 10x30 SWAT Prismatic is a little scope featuring some big differences. SWAT stands for 'Super Wide-Angle Technology', meaning the Atom offers a much wider field-of-view than a conventional 10x magnification scope. What's more, it harnesses its highly detailed sight picture courtesy of an ultra-short eye relief and a concertina rubber eyecup, making it particularly suitable for low-recoil rimfires and PCP air rifles.

Despite its small dimensions – it measures just 123mm from the 30mm objective lens to the eyepiece – the 10x30 is anything but short on features. Its external elevation and windage turrets not only offer the much-favoured MIL-rated click adjustments, they are lockable and feature resettable verniers. Near-perfect optical centring can also be achieved courtesy of the Atom's tilt-adjustable mount (supplied).

Besides a quick-focus eyepiece, there's side parallax adjustment to eliminate aiming errors at closer ranges, with adjustment down to six metres. And the Atom now sports our multi-faceted SCB2 reticle, which can also be illuminated to one of 10 brightness settings.





## VIPER CONNECT 3-12x32

No other scope looks or performs like it! Developed specifically for low-recoil PCP airguns, .22 rimfire and .17 HMRifles, the Viper Connect features super-short eye relief – just 17mm – for a ‘through the lens’ view that effectively brings you a closer, more focused image of your target. The Viper Connect’s lens array also boosts its field-of-view – almost double, at 10x, compared to a conventional rifle scope.

Its zoom range of 3-12x magnification has been paired to a 32mm diameter objective lens for the brightest of sight pictures in the trickiest of lighting scenarios, and the centre of its SCB2 reticle can also be illuminated to varying intensities via the top-mounted rheostat.

Finger-adjustable, and resettable, 1/4MOA turrets are protected by screw-off caps and parallax error can be dialled out via a side turret, from infinity down to 10 metres.

### VIPER CONNECT 3-12x32

Magnification	3-12x
Objective lens	32mm
Field of view feet@100yds	20.3m/60.9ft – .2m/1.56ft
Dioptr adjustment	+2/-2
Eye relief	17mm
Parallax range	10m – infinity
Adj per click	1/4"1 click @100 yards
Max turret adj	120 MOA
Clicksper turret revolution	48
MILsper turret revolution	12
POI correction per click @100m	0.73cm
Tube diameter	30mm
Reticle position	Second Focal Plane
Reticle type	SCB2
Length	287mm
Weight	650g



A Blueprint height and angle adjustable reach forward mount with either 11/12mm or Picatinny fitment is available as an option.



## VIPER CONNECT 4-16x32

No other scope looks or performs like it! Developed specifically for low-recoil PCP airguns, .22 rimfire and .17 HMR rifles, the Viper Connect features super-short eye relief – just 17mm – for a ‘through the lens’ view that effectively brings you a closer, more focused image of your target. The Viper Connect’s lens array also boosts its field-of-view – almost double at 10x compared to a conventional rifle scope.

The Viper Connect 4-16 has been paired to a 32mm diameter objective lens for the brightest of sight pictures in the trickiest of lighting scenarios. And the centre of its reticle can also be illuminated to varying intensities. Finger-adjustable and resettable turrets are protected by screw-off caps and parallax can be dialed in via a side turret from infinity down to 10 metres.

A built-in angle indicator gives you an instant indication of the angle to which your rifle is pointing up or down. The red needle moves with your rifle and displays a number that indicates the percent your rifle is off level.



VIPER CONNECT 4-16x32	
Magnification	4-16x
Objective lens	32mm
Field of view feet@100yds	20.3m/60.9ft – 2m/1.56ft
Diopetre adjustment	+2/-2
Eye relief	17mm
Parallax range	10m – infinity
Adj per click	1 click = 1cm @100m
Max turret adj	120 MOA
Clicks per turret revolution	48
MILs per turret revolution	12
POI correction per click @100m	0.73cm
Tube diameter	30mm
Reticle position	Second Focal Plane
Reticle type	AMD2
Length	287mm
Weight	650g

To assist with mounting on rifles with forward-biased receivers, a special Blueprint Connect mount with either 11/12mm or Picatinny fitment is available as an option.





MAMBA LITE3-10×40		MAMBA LITE3-12×42		MAMBA LITE4-16×42	
Magnification	3-10x	Magnification	3-12x	Magnification	4-16x
Objective lens	40mm	Objective lens	42mm	Objective lens	42mm
Field of view @100m	11.4m / 3.7m	Field of view @100m	11.4m / 2.8m	Field of view @100m	8.2m / 2.3m
Diopetre adjustment	+2/-2	Diopetre adjustment	+2/-2	Diopetre adjustment	+2/-2
Eye relief	115mm – 105mm	Eye relief	100mm	Eye relief	100mm
Parallax range	10m – infinity	Parallax range	10m – infinity	Parallax range	10m – infinity
Adj per click	1/4°1 click @100 yards	Adj per click	1/4°1 click @100 yards	Adj per click	1/4°1 click @100 yards
Max turret adj	60 MOA	Max turret adj	60 MOA	Max turret adj	42 MOA
Clicksper turret revolution	48	Clicksper turret revolution	48	Clicksper turret revolution	48
MILsper turret revolution	6	MILsper turret revolution	12	MILsper turret revolution	12
POI correction per click @100m	1cm	POI correction per click @100m	1cm	POI correction per click @100m	1cm
Tube diameter	25mm	Tube diameter	25mm	Tube diameter	25mm
Reticle position	Second Focal Plane	Reticle position	Second Focal Plane	Reticle position	Second Focal Plane
Reticle type	SCB2	Reticle type	SCB2	Reticle type	SCB2
Length	344mm	Length	310mm	Length	334mm
Weight	548g	Weight	571g	Weight	580g





## MAMBA LITE

The Mamba Lite series is for shooters wanting a scope that has all the key features found in MTC's bigger rifle scopes, but in a pared-down package. With a 25mm body tube, these are lightweight scopes that still retain exceptional light transfer and optical performance.

Even though the Mamba Lite's weight has been shaved, none of this line's features have been compromised: it boasts a fast-focus SCB2 reticle with seven-step central illumination via a push-button interface, semi-target turrets, side parallax from 10m to infinity and magnetic flip covers that incorporate a 2x magnifier pane in the rear cover to assist in reading the vernier.

With rifle scopes seemingly getting bigger and heavier, MTC Optics' Mamba Lite series offers shooters the option to keep their combos light and manageable without compromising their sighting set-up.



Mamba Lite 3-12x42



Mamba Lite 4-16x42



Mamba Ultra Lite 3-10x40







## RAPIER BALLISTIC LASER RANGEFINDER

As if range-finding to within one metre (or yard) at distances out to 1,000m at the push of a button isn't enough, the MTC Optics Rapier can tell you the distance in yards or metres in one of two ways: via its head-up LCD display... or relayed verbally into the supplied earpiece courtesy of a wireless module (when linked via your Android/iOS smartphone).

In conjunction with a free-to-download app, wireless integration with your smartphone also gives you instant access to a myriad of other useful data – such as scope adjustment in MILs or MOA, what elevation and windage allowance to make... and even the required POA for the angle of fire. It's a lot more than 'just another' laser rangefinder.

### KEY FEATURES

- Wireless synchronisation with iOS and Android smartphones
- Free downloadable app to automatically calculate scope's POA in clicks/MILs/MOA and angles
- Supplied wireless earpiece relays distance and POA commands
- LCD display has a choice of three reticle types and shows distance/POA settings
- 6x magnification with eyepiece dioptre adjustment
- 5 to 1,000 metres (1,100 yards) effective laser range with accuracy to +/- 1 metre



Wireless



Download on the  
App Store



ANDROID APP ON  
Google play





## BLUEPRINT MOUNTS

### A RANGE OF SCOPE MOUNTS TO SUIT ALL SIGHTING APPLICATIONS

To complement the best scopes on the market, MTC Optics offer the best in the market.

The Blueprint line of mounts is wide-ranging, covering a host of two-piece 11/12mm (3/8") and Picatinny (21mm) fitments, both adjustable and fixed height Low, Medium and High, with 25 and 30mm rings. There are also mounts tailored exclusively for MTC's Viper Connect.

#### BLUEPRINT ADJUSTABLE AND REACH FORWARD ADJUSTABLE MOUNTS

Made from black-anodised high specification aircraft-quality alloy, these mounts offer height and tilt-adjustment to ensure your MTC scope is perfectly in alignment with the rifle's bore, as well as the target.

Available in pairs of 30mm rings and a choice of 11mm (3/8") or 21mm Picatinny fit. A special reach forward version is also available for those difficult jobs ensuring MTC has a solution for every scope application.

Commonly used on rimfire and air rifles, Blueprint mounts' double-screw fixings avoid 'scope creep' problems often associated with cheaper, inferior quality mounts.

Available with 25 or 30mm rings and a choice of 11mm (3/8") or Picatinny fit. Medium and High models are also available in silver.

A mount capable of accommodating larger modern torches or even a laser with 30mm tubes. Designed to fit either Picatinny scope or accessory rails, the mount holds your torch securely where it's easiest to locate in the dark. Comes complete with an adaptor to fit to MTC's SWAT scopes.







## ACCESSORIES

Shop at the new MTC Optics online store.  
[www.mtcoptics.com/store](http://www.mtcoptics.com/store)

Sunshades and a large sidewheel to assist with parallax focusing are available for the following models:

King Cobra

Copperhead

Cobra F1

Viper Pro

Mamba Ultra Lite



ONLINE STORE [www.mtcoptics.com/store](http://www.mtcoptics.com/store)



All parts supplied from our UK warehouse. To find our accessories, parts and to order just scan the QR code

